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ARCHÆOLOGICAL SURVEY OF INDIA

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No. 62

A HOARD OF SILVER PUNCH-  
MARKED COINS FROM PURNEA

BY

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## PREFACE.

The hoard of silver punch-marked coins which forms the subject matter of this Memoir was brought to light at Patraha in the Purnea district in 1913. Enveloped in a mass of conglomerate it was lying in the bed of a small river which had been scoured by water, and the majority of the pieces had to be extricated with some difficulty. The coins were cleaned under the supervision of the late Mr. R. D. Banerji, who, as Treasure Trove Officer of the Province of Bihar and Orissa, had received them for examination from the Collector of Purnea, through Dr. D. B. Spooner of the Archæological Survey of India. In 1914 Mr. Banerji undertook to prepare a catalogue of the coins, but unfortunately the manuscript left by him was found incomplete in many respects and it became necessary to rewrite the whole in the light of a fresh study. The Director General of Archæology on whom devolved the task of publishing an authoritative account of the hoard could not for sometime make any suitable arrangement and it is to be regretted that the death of a consummate numismatist like the late Mr. Banerji prevented the Archæological Department from placing the manuscript once again in the hands of the original author. In 1937, at the suggestion of the late Mr. N. G. Majumdar, Superintendent, Archæological Section, Indian Museum, the work was finally entrusted to Mr. P. N. Bhattacharyya, Assistant Curator of the Section and the entire hoard was placed at his disposal for examination through the kindness of the authorities of the Patna Museum to which it now belongs.

Out of a lot of 2,873 coins a selection has been made of 1,703 pieces for the purpose of this Memoir. The coins are broadly divided into three classes of which Classes II and III are sub-divided again into several groups and varieties. In the introduction the author discusses his classification and some topics of general interest concerning punch-marked coins with special reference to the present hoard. At the beginning of each section dealing with a group he has briefly drawn attention to its symbols and indicated how the different varieties under each group and the groups themselves stand in relation to one another. Twelve plates have been appended to the letter-press in order to illustrate the typical coins and the symbols appearing thereon.

Although due to various circumstances beyond our control it has taken an extraordinarily long time to bring out this publication, I have pleasure in introducing it to the numismatists in the hope that it will be found both important and interesting.

K. N. DIKSHIT,

*Director General of Archæology in India.*

NEW DELHI ;  
December, 1938.



## INTRODUCTION.

Out of the lot of 2,873 coins 1,703 pieces have been included in this work. Of the remaining coins some are damaged hopelessly, while the symbols on others are so much defaced that they cannot be grouped and classified accurately. A mere collection and description of the numerous symbols on punch-marked coins does not advance our knowledge. The most important and interesting part of the study of these coins is the attempt to classify the coins according to the various symbol-groups and to gather therefrom the significance of the individual punches and the various combinations. Dr. Spooner and Mr. Walsh were the first to handle the subject from this point of view. But it was Dr. Allan and Mr. Durga Prasad who have dealt with the subject very exhaustively and placed before scholars a large number of illustrations of the different combinations. But the classification of the numerous combinations by Dr. Allan in his Catalogue of Indian coins in the British Museum, Ancient India appears to be the best in the field. He has also tried to show how the different groups and varieties of each class are linked with one another by some obverse or reverse symbols. If future finds are handled in this way it will in time enable us to gather much useful information, historical and geographical. As far as possible the arrangement of the British Museum Catalogue has been followed in this Memoir.

The coins of this hoard have been broadly divided into three classes. Only one coin belongs to Class I. Class II contains coins—all of which have one regular stamp and one or two counter-marks on their reverses. These stamps are boldly impressed and are of the same size as those on the obverse. Some of them, *e.g.*, 10, 86 occur both on the obverse and the reverse. In this class there are 12 groups comprising 85 varieties including some which are found in this collection for the first time. Details of the new varieties will be found in the respective introduction. The coins of Class III have got numerous small punches on the reverse, none of which has any connection with the obverse marks. This class divided into 9 groups comprises 57 varieties some of which are also new.

Classification according to shape or size is of no consequence because of the fact that the same group of obverse symbols are met with on coins of different shapes which again conform to the same standard of weight. Although the coins of the present collection are of six different shapes and sizes they follow the same standard of weight as will appear from the following table:—

Serial No.	Shape	Weight.
1556 . . . . .	Round .95×.65	49.6 grs.
1652 . . . . .	R .9×.85	48.4 „
439 . . . . .	R .55	49.4 „
448 . . . . .	R .55×.5	49.7 „
174 . . . . .	Angular .8×.4	49.1 „
252 . . . . .	A .45	49.8 „

In many cases copper is found to adhere to the silver coins. For this no satisfactory explanation has as yet been offered by any numismatist. Mr. Walsh<sup>1</sup> says, "The reason for this large amount of copper is due to the fact that, apart from any proportion of alloy in the coin, several of the coins have been debased by the addition of molten copper to the original silver coin, presumably to make up for the weight. That this was subsequently added is shown by the fact that it remains over the punch-marks." This explanation is supported by the *Artha Śāstra*. In the course of cleaning of a few coins of this collection it has been found that the coating was superficial. When this coating of copper was removed the symbols were seen in their proper form and depth of impression.

The question of the system of weights (*ratī* standard) of the punch-marked coins has been fully discussed by Genl. Cunningham<sup>2</sup> and Dr. Bhandarkar.<sup>3</sup> The *Purāṇa* or *Dharaṇa* by which term these coins are mentioned in old Sanskrit texts, should be of the standard weight of 32 *ratīs* (58·56 grains) according to Manu. But this full weight is not represented by any coin of this hoard, the coins ranging in weight from 38·5 to 55·8 grains. The heaviest pieces weigh 55·8 grains (coin No. 354), 55·5 grains (coin No. 5), 54·6 grains (coin No. 500) and 54·5 grains (coin No. 725). This loss of weight of only 3 or 4 grains may be ignored and the specimens regarded as full *Purāṇas*. But there are coins which are much lighter in weight, *e.g.*, 38·5 grains (coin No. 1650), 39·1 grains (coin No. 329), 41·3 grains (coin No. 84), 42·6 grains (coin No. 1039) and 43·8 grains (coin No. 241). From a chart of the weights of the Peshawar hoard<sup>4</sup> of punch-marked coins Dr. Bhandarkar opines that the reduction of weight was due to the debasement of the coins necessitated by economic exigencies. He also shows that the reduction of weight was deliberate and systematic, the weights increasing from  $11\frac{1}{2}$  to  $15\frac{1}{2}$  *māshās* by the successive and regular rise of a  $\frac{1}{2}$  *māshā*. But no such regular gradation is noticed in the coins of the present collection.

As regards the age of the punch-marked coins in general Dr. Bhandarkar has attempted to show from literary sources and actual finds that they are the oldest indigenous currency of India dating from about the second millenium before Christ. Prof. Rapson too advanced proofs of the independent origin of this coinage.<sup>5</sup> Mr. Walsh says, 'This coinage had been in existence long before the time of Buddha, as is shown by the fact that the name *purāṇa* (ancient) is given to them in the stories of Buddha in the Jātakas. As noted by Mr. V. Smith, the fact that they have been found in one of the very ancient earthen tumuli at Lauriya Nandangarh in Champaran and in the ancient tombs known by the name of *Pandu-kulis* in Coimbatore shows that they go back to very early times.'<sup>6</sup> In the present state of our knowledge it is not possible to determine

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<sup>1</sup> J. B. & O. R. S., Vol. V, p. 17.

<sup>2</sup> C. A. I.

<sup>3</sup> Lectures on Ancient Indian Numismatics, 1921.

<sup>4</sup> A. S. I., A. R., 1905-06, p. 115.

<sup>5</sup> J. R. A. S., 1895, p. 869.

<sup>6</sup> J. B. & O. R. S., Vol. V, p. 22.

definitely the period when this currency came into vogue. The standard of weight of these coins appears to have been different from the 32 *rati* standard of Manu who in any case must have flourished long after the introduction of this coinage. This may be the reason why discrepancies are more often than not noticed in the weights of these coins. Mr. Hemmy<sup>1</sup> has attempted to show that the punch-marked coins agree with the indigenous Indus System of weight.

In view of the occurrence of a constant group of marks on a number of coins it is now accepted on nearly all hands that the marks were stamped at the same time by different punches by the authority issuing them. Various suggestions, however, have been put forward to account for the significance of the individual marks. Some of them may come out true when other hoards from different localities will be found and described in a systematic way with find spots noted in every case.

As regards marks on the reverse side the coins may be roughly divided into two classes; one has one, two or at most three punches—two of these as remarked by Dr. Allan being later counter-marks, and the other bears numerous small punches.

As the symbols have been described in detail in the British Museum Catalogue, it is not necessary to describe each and every one of them here. But some remarks are here called for in regard to symbols that appear in this collection for the first time. The six-armed (the term used in B. M. C.) symbol is very important from the fact that it shows numerous varieties and occurs on almost all punch-marked coins. Regarding this symbol Mr. Walsh<sup>2</sup> has remarked—‘The variety of the six-armed symbol on a particular group of coins is of importance, as a possible means of dating the coins’. In this collection there have been found thirty different forms of this symbol of which 2d<sup>1</sup>, 2e, 2g, 2k, 2l, 2m, 2n, 2o, 2p, 2q, 2s, 2u, 2v, 2w, 2x, 2y and 2z are not found in B. M. C.<sup>3</sup> The forms 2c, 2m, 2n, 2u, 2w and 2x are, however, found in N. S.<sup>4</sup> So 2d<sup>1</sup>, 2g, 2k, 2l, 2o, 2p, 2q, 2s, 2v, 2y and 2z are quite new. B. M. C. Var. 3, pl. xxiii is not clear in any of the coins illustrated there and it is not possible to ascertain whether it is 2f, 2f<sup>1</sup> or something else. Var. 4 of the above catalogue is also not clear. It may be 2h. 2g has, however, been found by Mr. Walsh on B. M. C., pl. x, 17. The form 2s, though not illustrated, occurs on certain coins of B. M. C., as has been noted in the introduction at the beginning of Group XII, Class II, and also noticed by Mr. Walsh in J. R. A. S., 1937, p. 621. Symbol No. 12 though not read correctly occurs in B. M. C. and also in N. S. Symbol No. 18 looks very like the tree of the symbol No. 13 but it has no hill mark below it. Symbol No. 30 has not been correctly shown in B. M. C. or N. S. Symbol No. 31 is shown in B. M. C. No. 16, p. XXXI but no railing has been shown round the tree. Symbols 36a and 48, are particularly interesting from the fact that up to this time no animal turned to left has been found on punch-marked coins.

<sup>1</sup> J. R. A. S., 1937, pp. 1-26.

<sup>2</sup> J. R. A. S., 1937, p. 624.

<sup>3</sup> A Catalogue of Indian Coins in the British Museum, Ancient India.

<sup>4</sup> Mr. Durga Prasad's article in Numismatic supplement, 1934



Symbol No. 36a looks exactly like a cow; the other animal may be a hare. Symbols 40 and 41 are new and occur on a large number of coins of this collection. Symbol No. 44, which also occurs here for the first time shows an elephant standing to right on a hill. The symbols 49 to 52 and 54 are found in the present collection for the first time. The horse has not been found up to this time but some coins of the present collection bear representations of two different species of this animal (symbols 53 and 59). Symbols 71, 72, 76 and 77, formed by combinations of taurine symbols, are also noticed here for the first time. Concerning human figures it is to be noted that the symbols 116 and 119 probably represent female figures standing to right. Symbol No. 120 is that of a warrior holding a circular shield in his right hand. A group of three human figures (symbol 141), similar to N. S. No. 132, pl. 27 struck from a single punch occurs on the reverse of some coins belonging to different varieties of Classes II and III. There is another group (symbol 141a) of three figures which is different from the previous one. Symbol No. 142 represents a single human figure and occurs on the reverse of the coin No. 158. In the symbol No. 142a (see coin No. 1455) the human figure has its hands raised upwards. In the symbol No. 142b (coin No. 1310) the figure seems to be seated on a stool and has its hands raised upwards, the right hand holding a stick. Elephant (symbols 215-217, 219), bull (symbol 220) and deer (?) (symbols 221 and 222) are the animals that are found punched on the reverse of some coins of Class III only, symbol No. 218 (elephant) occurring on two coins (1107 and 1166) of Class II. Of the so-called 'Taxila' symbol, No. 135, there have been found four other different forms (135a-d, see below p. 2). As a reverse symbol, four varieties (144, 144a, 144b and 144c) of the hill mark occur on some of the coins of this hoard. These hill marks are much smaller than those appearing on the obverse, as is the case with the symbols that are found on the reverse only. It is noteworthy that coins 1066-1070 of the present hoard bear a hill mark of same size both on the obverse and the reverse. As on the reverse of some coins the hill mark is much defaced or disfigured and consequently its shape cannot be determined with certainty, simply 144 has been noted in the text. Symbol No. 245 looks like a trident. Symbols 148 and 150 are quite new.

In conclusion I must express my deep sense of gratitude to Rao Bahadur K. N. Dikshit, Director General of Archaeology in India, for kindly permitting me to undertake this Memoir, and also to Mr. N. G. Majumdar, Superintendent, Archaeological Section, Indian Museum, for encouraging me with his valuable suggestions and offering me every facility to carry on this work. I also acknowledge the ungrudging assistance of Mr. S. N. Chakravarti for verifying the coins with the manuscript, and Mr. M. M. Dutta Gupta of the Indian Museum, Archaeological Section for the drawings of the symbols.

P. N. BHATTACHARYYA.

INDIAN MUSEUM, ARCHAEOLOGICAL SECTION ;

*21st September, 1938.*

# A HOARD OF SILVER PUNCH-MARKED COINS FROM PURNEA.

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## CLASS I.

Only one coin belongs to this Class. The five symbols that are found on the obverse side are bigger in size than most of the symbols occurring on the coins of the Classes II and III. But unfortunately they are not impressed in full on the coin. The solar symbol and the six-armed symbol are partly visible. The three other symbols are not clear. The imperfect impression of the symbols stood in the way of drawing them correctly and including them in the chart of symbols. It is, however, left for the reader to study them from the photograph of the coin. On the reverse there are three or four stamps of which one is 144 and another 244. The coin measures .7"×.5" and weighs 50.7 grains.

## CLASS II.

### GROUP I.

The coins of this group have the common reverse symbol 135, there being, of course, occasional countermarks. The characteristic obverse symbol is 30 which is not found in any other group. This symbol has not been, however, correctly illustrated in B. M. C. or N. S.<sup>1</sup> where the railing of the tree has not been shown. It can be seen in full on coins 1, 12, 24, 27, 31 and 105. Although this symbol is not found in vars. *d*, *e* and *g* they are closely connected with the other vars. by some common symbols as well as the reverse stamp. Group I has been divided into seven varieties according to the variation of the obverse symbols. Vars. *a* and *b* have four symbols in common—1, 2, 3 and 30. Var. *a* corresponds with B. M. C., var. *a*, p. 17. It has got a very rare symbol 37, which is not found in any other var. of this and other groups. Symbol 37 shows a bull with a taurine in front of it and a horizontal line below. This horizontal line has not, however, been noticed by Messrs. Allan and Durga Prasad. This symbol has been illustrated as belonging to var. *f*, p. 21 in B. M. C. but in the coin itself, pl. III, 8, it looks more like symbol 60 than 37. Var. *c* is connected with the vars. *a* and *b* by the symbols 30 and 43 and agrees with B. M. C., var. *f*, p. 21, reading the symbol 37 as 60. This var. has been figured in N. S., No. 137, pl. 21. Var. *d* has the three symbols 92, 5 and 60 of the previous var. and connects var. *e* by the symbols 57 and 88. In N. S., No. 138, pl. 21 is illustrated another var. which has 30 in place of 57 of this var., showing a very close connection with vars. *a* and *b*. Var. *e* is not found in B. M. C. but agrees with N. S., No. 133, pl. 21. Var. *f* is linked with vars. *b* and *c* by

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<sup>1</sup> Numismatic Supplement, No. XLV. Art. 317.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
9	51.3	.7×.5	1, 2, 3, 30, 37 . . .	135.
10	50.9	R .6	1, 2, 3, 30, 37 . . .	135.
11	53.3	.6	1, 2, 3, 30, 37 . . .	135. Pl.
12	49.8	.6	1, 2, 3, 30, 37 . . .	135. Pl.
13	49.6	.6	1, 2, 3, 30, 37 . . .	135.
14	44.7	.6×.55	1, 2, 3, 30, 37 . . .	135.
15	49.6	.6	1, 2, 3, 30, 37 . . .	135.
16	51.3	.7×.5	1, 2, 3, 30, 37 . . .	135.
17	53.0	.7×.6	1, 2, 3, 30, 37 . . .	135.
18	46.3	.65	1, 2, 3, 30, 37 . . .	135.
19	47.9	.6	1, 2, 3, 30, 37 . . .	135.
20	53.4	.65×.6	1, 2, 3, 30, 37 . . .	135.
21	52.9	.65×.6	1, 2, 3, 30, 37 . . .	135.
22	53.9	.65×.6	1, 2, 3, 30, 37 . . .	135.
23	51.7	.65×.6	1, 2, 3, 30, 37 . . .	135.
24	53.7	.65×.6	1, 2, 3, 30, 37 . . .	135. Pl.
25	51.3	.6×.5	1, 2, 3, 30, 37 (5th symbol not clear).	135.
26	50.6	.6×.55	1, 2, 3, 30, 37 . . .	135, 100.
27	46.3	.65	1, 2, 3, 30, 37 . . .	135, 100. Pl.
28	51.3	.6×.55	1, 2, 3, 30, 37 . . .	135 and another.
29	46.6	A .6×.5	1, 2, 3, 30, 37 . . .	135 do.
30	52.1	.6×.55	1, 2, 3, 30, 37 . . .	Not clear.
<i>Var. b.</i>				
31	52.4	A .6×.5	1, 2, 3, 30, 43 . . .	135. Pl.
32	53.8	.6×.5	1, 2, 3, 30, 43 . . .	135.
33	53.4	.6×.5	1, 2, 3, 30, 43 . . .	135.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
34	52.5	·6×·5	1, 2, 3, 30, 43 . . .	135.
35	49.9	·6×·5	1, 2, 3, 30, 43 . . .	135.
36	51.5	·6×·5	1, 2, 3, 30, 43 . . .	135.
37	52.1	·6×·5	1, 2, 3, 30, 43 . . .	135.
38	54.8	·6×·5	1, 2, 3, 30, 43 . . .	135.
39	51.1	·6×·5	1, 2, 3, 30, 43 . . .	135.
40	52.2	·65×·5	1, 2, 3, 30, 43 . . .	135.
41	51.8	·6×·55	1, 2, 3, 30, 43 . . .	135.
42	51.9	·6	1, 2, 3, 30, 43 . . .	135. Pl.
43	52.6	·6×·6	1, 2, 3, 30, 43 . . .	135.
44	53.9	·6×·5	1, 2, 3, 30, 43 . . .	135.
45	51.9	·6×·5	1, 2, 3, 30, 43 . . .	135.
46	52.0	·6×·5	1, 2, 3, 30, 43 . . .	135.
47	51.0	·6×·5	1, 2, 3, 30, 43 . . .	135.
48	53.7	·5×·4	1, 2, 3, 30, 43 . . .	135.
49	50.2	·55×·5	1, 2, 3, 30, 43 . . .	135.
50	52.0	·6×·5	1, 2, 3, 30, 43 . . .	135.
51	46.2	·6×·6	1, 2, 3, 30, 43 . . .	135.
52	51.8	R ·6×·5	1, 2, 3, 30, 43 . . .	135.
53	48.3	·6×·55	1, 2, 3, 30, 43 . . .	135. Pl.
54	50.6	·6×·5	1, 2, 3, 30, 43 . . .	135.
55	53.2	·65×·5	1, 2, 3, 30, 43 . . .	135.
56	53.3	·6×·55	1, 2, 3, 30, 43 . . .	135. Pl.
57	53.6	·65×·5	1, 2, 3, 30, 43 . . .	135.
58	53.6	·6	1, 2, 3, 30, 43 . . .	135.
59	50.5	·6×·5	1, 2, 3, 30, 43 . . .	135.
60	52.0	·6×·5	1, 2, 3, 30, 43 . . .	135.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
61	48.0	.6	1, 2, 3, 30, 43 . . .	135.
62	49.3	.6	1, 2, 3, 30, 43 . . .	135.
63	53.4	.6×.5	1, 2, 3, 30, 43 . . .	135.
64	51.9	.6×.5	1, 2, 3, 30, 43 . . .	135.
65	53.9	.6×.5	1, 2, 3, 30, 43 . . .	135.
66	52.8	.6×.5	1, 2, 3, 30, 43 . . .	135.
67	54.0	.6×.5	1, 2, 3, 30, 43 . . .	135.
68	50.4	.6	1, 2, 3, 30, 43 . . .	135. Pl.
69	49.5	.6	1, 2, 3, 30, 43 . . .	135.
70	52.1	.6	1, 2, 3, 30, 43 . . .	135. Pl.
71	50.8	.55×.5	1, 2, 3, 30, 43 . . .	135.
72	49.9	.6×.5	1, 2, 3, 30, 43 . . .	135.
73	46.7	A .6×.45	1, 2, 3, 30, 43 . . .	135.
74	50.5	.6×.45	1, 2, 3, 30, 43 . . .	135 and 100.
75	48.8	.55	1, 2, 3, 30, 43 . . .	135 and 100.
76	52.2	.55×.45	1, 2, 3, 30, 43 . . .	135 and three tiny stamps.
77	50.9	.6×.4	1, 2, 3, 30, 43 . . .	135 and another indistinct.
78	55	.5	1, 2, 3, 30, 43 . . .	Defaced.
79	52.1	R .55×.5	1, 2, 3, 30, 43 . . .	Not clear.
<i>Var. c.</i>				
80	51.7	A .6×.5	92, 43, 30, 5, 60 . . .	135. Pl.
81	49.8	.7×.4	92, 43, 30, 5, 60 . . .	135.
<i>Var. d.</i>				
82	52.5	.5	92, 57, 88, 5, 60 . . .	138, 145, 136, ? Pl.
83	47	.5×.45	92, 57, 88, 5, 60 . . .	136, 145, ? Pl.
84	41.3	.6×.5	92, 57, 88, 5, 60 . . .	136, 139.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. d—contd.</i>				
85	51.8	.5	92, 57, 88, 5, 60 . . .	136, disfigured.
86	46.1	.5	92, 57, 88, 5, 60 . . .	136, ?
87	44.2	.5	92, 57, 88, 5, 60 . . .	Pl. Illegible.
88	49.8	.5×.4	92, 57, 88, 5, 60 . . .	Do.
<i>Var. e.</i>				
89	50.4	A .6×.55	112, 88, 57 . . .	135, 136. Pl.
90	45.7	.6×.5	112, 88, 57 . . .	136, 256 (upon another indistinct) and another.
91	52.5	R .5	112, 88, 57 (4th symbol indistinct).	136, 259.
<i>Var. f.</i>				
92	50.4	A .6×.5	112, 43, 30 . . .	135. Pl.
93	48.6	.55×.5	112, 43, 30 . . .	135.
94	50.8	.6×.5	112, 43, 30 . . .	135.
95	48.9	.5	112, 43, 30 . . .	135.
96	47.6	.5	112, 43, 30 . . .	135.
97	46.7	.6×.5	112, 43, 30 . . .	135.
98	50	.65×.55	112, 43, 30 . . .	135. Pl.
99	48.8	.7×.5	112, 43, 30 . . .	135.
100	50.6	.7×.5	112, 43, 30 . . .	135. Pl.
101	50.6	.6	112, 43, 30 . . .	135.
102	49.5	R .7×.55	112, 43, 30 . . .	135.
103	49.5	.6	112, 43, 30 . . .	135.
104	52.6	.5	112, 43, 30 . . .	135.
105	49.9	.6	112, 43, 30 . . .	135. Pl.
106	51.4	.6	112, 43, 30 . . .	135.
107	52.6	.55	112, 43, 30 . . .	135.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. f—contd.</i>	
108	53	$\cdot 6 \times \cdot 5$	112, 43, 30 . . .	135.
110	52.9	A $\cdot 6 \times \cdot 5$	112, 43, 30 . . .	135, 135d. Pl.
111	48.7	$\cdot 6 \times \cdot 45$	112, 43, 30 . . .	135, another tiny in- distinct.
112	51.6	$\cdot 55 \times \cdot 5$	112, 43, 30 . . .	135, ?
113	51.9	R $\cdot 55$	112, 43, 30 . . .	135 and another.
114	51.5	A $\cdot 6 \times \cdot 45$	112, 43, 30 . . .	135 do.
115	49	$\cdot 75 \times \cdot 5$	112, 43, 30 . . .	135 and 144. Pl.
			<i>Var. g.</i>	
116	51.7	R $\cdot 6 \times \cdot 5$	112, 17 or 27, ? . . .	Indistinct. Pl.
117	51.5	$\cdot 5$	112, 17 or 27, ? . . .	165. Pl.

## GROUP II.

This group consists of coins having the reverse stamp 10. On some coins this stamp has not been fully impressed, either the bird alone or the hill only being found. As in group I some of the coins of this group also are found counter-marked with other stamps on the reverse. Coin 158 shows the figure of a man, besides the usual reverse stamp 10. The characteristic obverse symbols of this group are 10 and 104. Only five varieties have been found in this group. Vars. *a* and *b* are connected with vars. *a* and *b* of the previous group by the first three symbols and link themselves with vars. *c* and *e* of this group by the common symbols 10 and 104. It is to be noted that though vars. *c* and *d* have not got any of the symbols 30, 43, 57, or 88, and have not the same reverse stamp of the vars. *c* and *d* of group I, they are closely connected with them by the common obverse symbols 92, 5 and 60. Var. *a* corresponds to B. M. C., var. *a*, p. 25 and N. S., No. 106, pl. 18. Practically speaking var. *b* is the same as var. *a*, the only difference being in the form of the steelyard, which is reversed here. This form of the steelyard (symbol No. 105) has not been noticed in B. M. C. Although it is illustrated as No. 114a, pl. 27 in N. S., it has not been shown as belonging to any coin by the author. Var. *c* occurs in B. M. C. as can be seen from the photograph, XLI, 2, of the coin No. 17 of var. *d*, p. 26, which shows symbol 10 and not 33 as illustrated there. Var. *d* is a new one not described anywhere. It has the first four symbols in common with var. *c* and replaces 104 of that var. by an uncertain symbol. There being only one coin this symbol could not



be verified. It is interesting to note that this coin does not bear the reverse stamp 10. Var. *c* corresponds with B. M. C., var. *c*, p. 26 and N. S., No. 134, pl. 21.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
118	49.9	A .5×.45	1, 2, 3, 10, 101 . . .	10.
119	51.1	.5	1, 2, 3, 10, 101 . . .	10.
120	53.5	.6×.5	1, 2, 3, 10, 101 . . .	10.
121	47.7	.6×.5	1, 2, 3, 10, 101 . . .	10.
122	49	.6×.4	1, 2, 3, 10, 101 . . .	10.
123	50.9	.5	1, 2, 3, 10, 101 . . .	10.
124	48.9	.5	1, 2, 3, 10, 101 . . .	10.
125	51	.5	1, 2, 3, 10, 101 . . .	10.
126	52	.5×.4	1, 2, 3, 10, 101 . . .	10.
127	48.2	.6×.4	1, 2, 3, 10, 101 . . .	10.
128	49.1	.5	1, 2, 3, 10, 101 . . .	10.
129	48.4	.6×.5	1, 2, 3, 10, 101 . . .	10.
130	48.2	.5	1, 2, 3, 10, 101 . . .	10.
131	48.8	.5×.4	1, 2, 3, 10, 101 . . .	10.
132	46.4	.6	1, 2, 3, 10, 101 (4th symbol defaced).	10.
133	47.7	.5×.4	1, 2, 3, 10, 101 . . .	10.
134	49.5	.6×.45	1, 2, 3, 10, 101 . . .	10.
135	51.5	.6×.5	1, 2, 3, 10, 101 . . .	10.
136	51.5	.5	1, 2, 3, 10, 101 . . .	Pl. 10.
137	48.2	.6×.45	1, 2, 3, 10, 101 . . .	10.
138	43.8	.5×.45	1, 2, 3, 10, 101 (4th symbol not clear).	10.
139	50.8	.55×.4	1, 2, 3, 10, 101 (only 2nd and 5th symbols distinct).	10.
140	51.7	R .55	1, 2, 3, 10, 101 . . .	10.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. α—contd.</i>	
141	50.6	.6	1, 2, 3, 10, 104 . . .	10.
142	49.1	.5	1, 2, 3, 10, 104 . . .	10.
143	50.1	.6	1, 2, 3, 10, 104 . . .	10.
144	47.8	.7	1, 2, 3, 10, 104 . . .	10.
145	45.3	.6	1, 2, 3, 10, 104 . . .	10.
146	50.4	.6×.5	1, 2, 3, 10, 104 . . .	10. Pl.
147	50.8	.6	1, 2, 3, 10, 104 . . .	10.
148	50.3	.6	1, 2, 3, 10, 104 (4th symbol defaced).	10.
149	48.6	.6×.5	1, 2, 3, 10, 104 Do. . .	10.
150	52.4	.6×.5	1, 2, 3, 10, 104 . . .	10.
151	50.8	.5	1, 2, 3, 10, 104 . . .	10 (part only).
152	48.2	A .6×.4	1, 2, 3, 10, 104 (5th symbol defaced).	10 (lower part only).
153	51.9	R .6	1, 2, 3, 10, 104 . . .	10 (disfigured).
154	49.2	A .6×.5	1, 2, 3, 10, 104 . . .	10 (disfigured). Pl.
155	50.3	.5	1, 2, 3, 10, 104 . . .	10. (upper part only).
156	51.7	.5×.45	1, 2, 3, 10, 104 . . .	10, 60.
157	42.5	.6×.4	1, 2, 3, 10, 104 (4th symbol indistinct).	10, 143.
158	52.7	.55×.4	1, 2, 3, 10, 104 . . .	10, 142. Pl.
159	50	R. .7×.5	1, 2, 3, 10, 104 (4th symbol indistinct).	10, 60.
160	46.3	A. .6×.5	1, 2, 3, 10, 104 . . .	10 (lower part only), ?
161	50.9	.5	1, 2, 3, 10, 104 . . .	139, not clear.
162	45	.5	1, 2, 3, 10, 104 . . .	Not clear.
163	50.2	.5×.4	1, 2, 3, 10, 104 . . .	Do.
164	52.7	.6×.4	1, 2, 3, 10, 104 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
165	53.7	.6×.5	1, 2, 3, 10, 104 . . .	Not clear.
166	49.4	.6×.5	1, 2, 3, 10, 104 . . .	Do.
167	51.7	.6×.5	1, 2, 3, 10, 104 . . .	Do.
168	50.1	R. .6×.5	1, 2, 3, 10, 104 . . .	Do.
169	49.2	.6×.5	1, 2, 3, 10, 104 . . .	Do.
170	50.3	.6	1, 2, 3, 10, 104 . . .	Do.
171	52	.6×.5	1, 2, 3, 10, 104 . . .	Do.
172	52.3	.5	1, 2, 3, 10, 104 . . .	Do.
<i>Var. b.</i>				
173	51.1	A .5×.4	1, 2, 3, 10, 105 . . .	10.
174	49.1	.8×.4	1, 2, 3, 10, 105 . . .	10.
175	49	.5	1, 2, 3, 10, 105 . . .	10.
176	44	.6×.5	1, 2, 3, 10, 105 . . .	10.
177	50.5	.6×.5	1, 2, 3, 10, 105 . . .	10. Pl.
178	46.9	.6×.5	1, 2, 3, 10, 105 . . .	10.
179	49.2	.6×.4	1, 2, 3, 10, 105 . . .	10 and another. Pl.
180	49.9	.5×.45	1, 2, 3, 10, 105 . . .	10.
181	51	R .6	1, 2, 3, 10, 105 . . .	10.
182	51.1	.6×.5	1, 2, 3, 10, 105 . . .	10.
183	50.4	.6	1, 2, 3, 10, 105 . . .	10. Pl.
184	51.3	.6×.5	1, 2, 3, 10, 105 . . .	10.
185	52.7	.6	1, 2, 3, 10, 105 . . .	10.
186	50.8	.6	1, 2, 3, 10, 105 . . .	10.
187	51.3	.6	1, 2, 3, 10, 105 . . .	10.
188	51.1	A .5	1, 2, 3, 10, 105 . . .	10, 241.
189	50.8	.5	1, 2, 3, 10, 105 (4th symbol defaced).	10, ?

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
190	53.9	.55×.4	1, 2, 3, 10, 105 (4th symbol not clear).	Not clear.
191	49.5	R .6×.5	1, 2, 3, 10, 105 . . .	Do.
192	47.4	.6	1, 2, 3, 10, 105 . . .	Do.
			<i>Var. c.</i>	
193	53	.6×.5	92, 5, 60a, 10, 104 . . .	10. Pl.
194	51.9	.6×.5	92, 5, 60a, 10, 104 . . .	10.
195	50.3	.6	92, 5, 60a, 10, 104 . . .	10.
			<i>Var. d.</i>	
196	51.4	A .5×.45	92, 5, 60, 10, ? . . .	165. Pl.
			<i>Var. e.</i>	
197	53.3	R .55	113, 10, 104 . . .	10.
198	50.6	.6	113, 10, 104 . . .	10.
199	51.7	.6	113, 10, 104 . . .	10.
200	50	.6	113, 10, 104 . . .	10. Pl.
201	44.5	.6	113, 10, 104 . . .	10.
202	50.9	.6×.5	113, 10, 104 . . .	10.
203	51.2	.6×.5	113, 10, 104 . . .	10.
204	50.6	A .5	113, 10, 104 . . .	10.
205	51	.55×.4	113, 10, 104 . . .	10.
206	44.9	.7×.65	113, 10, 104 . . .	10.
207	52.1	.5	113, 10, 104 . . .	10.
208	51.6	.6×.4	113, 10, 104 . . .	10.
209	54.5	.5	113, 10, 104 . . .	10.
210	52.4	.55×.5	113, 10, 104 . . .	10.
211	49.4	.5×.4	113, 10, 104 . . .	10 (disfigured by 60).
212	46.9	.6	113, 10, 104 . . .	Defaced.

## GROUP III.

The coins of this group have been described together for the characteristic obverse symbol 58 and the reverse type consisting of the group of three symbols 86, 143 and 145. There are three varieties in this group but another variety of this group has been illustrated in N. S., No. 135, pl. 21. Var. *a* has a close connection with var. *c* of the preceding group by the three human figures. This var. corresponds with B. M. C., var. *f*, p. 27 where the first two symbols were struck from one punch only and not from separate punches as illustrated there, the combined form of these two symbols corresponding to our symbol 58. The proper second symbol of the B. M. C. var., however, is 86 as can be seen in Pl. v, 13, vars., *c* and *f* of B. M. C. really constituting one variety. In N. S. also (*vide* No. 64, pl. 27) symbol 58 has not been correctly read. The single illustration given there against No. 103, pl. 18 does not contain the full impression of the symbol. It may be best studied from coins 213, 221 and 240 of this collection. Var. *b* is linked with vars. *a* and *c* by the obverse symbols 86 and 58, and with vars. *c* and *d* of Group I and *c* and *d* of Group II, by the symbols 92, 5 and 60. This var. agrees with B. M. C., var. *g*, p. 27 where the fifth symbol (58) on the obverse has been partly noticed. The photograph of that coin (Pl. v, 12), if examined minutely, will show that the symbol is 58. Var. *c* is the same as N. S., No. 103, pl. 18 and B. M. C., vars. *h*, p. 27 and *b* p. 28. (*Cf.* B. M. C., pl. xli, 3 and v, 17 for the fifth symbol.) Although some coins of this var. have got only two stamps 86 and 143 on the reverse, coin 249 has the same three symbols of the other vars. of this group. Coin No. 257 has three human figures on the reverse along with the stamp 86.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			Var. <i>a</i> .	
213	47.9	A .5	113, 86, 58 . . .	86, 143, 145. Pl.
214	51.2	.6×.5	113, 86, 58 . . .	86, 143, 145.
215	52.2	.6×.4	113, 86, 58 . . .	86, 143, 145.
216	47.7	.6×.5	113, 86, 58 . . .	86, 143, 145.
217	50.5	.55×.45	113, 86, 58 . . .	86, 143, 145.
218	50.5	.55×.5	113, 86, 58 . . .	86, 143, 145.
219	44.2	.65×.4	113, 86, 58 . . .	86, 143, 145.
220	45.9	.55×.5	113, 86, 58 (2nd symbol disfigured).	86, 143, 145.
221	51.5	R .6×.55	113, 86, 58 . . .	86, 143, 145. Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
222	44.9	A .55×.5	113, 86, 58 . . .	86, 143, 145.
223	46.1	.5×.45	113, 86, 58 . . .	86, 143, 145.
224	50.3	.5	113, 86, 58 . . .	86, 143, 145.
225	49.9	.6×.5	113, 86, 58 . . .	86, 143, 145.
226	52.8	.55	113, 86, 58 . . .	86, 143, 145.
<i>Var. b.</i>				
227	47.4	.6×.55	92, 5, 86, 60a, 58 . .	86, 143, 145.
228	51.3	.6×.5	92, 5, 86, 60a, 58 . .	86, 143, 145.
229	51.2	.6×.5	92, 5, 86, 60a, 58 . .	86, 143, 145. Pl.
230	47.8	.7×.5	92, 5, 86, 60a, 58 . .	86, 143, 145. Pl.
<i>Var. c.</i>				
231	50.7	.6×.55	1, 2, 3, 86, 58 . . .	86, 143. Pl.
232	52.3	.6×.5	1, 2, 3, 86, 58 . . .	86, 143. Pl.
233	44.7	.6×.5	1, 2, 3, 86, 58 . . .	86, 143.
234	48.5	.6×.4	1, 2, 3, 86, 58 . . .	86, 143.
235	46.3	.55×.5	1, 2, 3, 86, 58 . . .	86, 143.
236	48.7	.6×.5	1, 2, 3, 86, 58 . . .	86, 143.
237	50.2	.7×.5	1, 2, 3, 86, 58 . . .	86, 143.
238	51.6	.6×.5	1, 2, 3, 86, 58 . . .	86, 143.
239	46.7	.6×.5	1, 2, 3, 86, 58 . . .	86, 143.
240	51	.55×.5	1, 2, 3, 86, 58 . . .	86, 143. Pl.
241	43.8	.6×.45	1, 2, 3, 86, 58 . . .	86, 143.
242	53	.6×.5	1, 2, 3, 86, 58 . . .	86, 143.
243	51.9	.6×.45	1, 2, 3, 86, 58 . . .	86, 143.
244	48.4	.6×.4	1, 2, 3, 86, 58 . . .	86, 143.
245	48.5	.6×.55	1, 2, 3, 86, 58 . . .	86, 143.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. c—contd.</i>	
246	51.8	·6×·5	1, 2, 3, 86, 58 (2nd and 3rd symbols obscure).	86, 143.
247	48.1	R ·6×·55	1, 2, 3, 86, 58 . . .	86, 143.
248	44.3	·6×·5	1, 2, 3, 86, 58 . . .	86, 143.
249	53.4	A ·6×·5	1, 2, 3, 86, 58 . . .	86, 143, 145.
250	52.1	·6×·4	1, 2, 3, 86, 58 . . .	86, 143, ?
251	51.2	·6×·4	1, 2, 3, 86, 58 . . .	86, 143 (disfigured).
252	49.8	·45	1, 2, 3, 86, 58 . . .	86 (disfigured by 60), 100.
253	44.8	R ·55×·5	1, 2, 3, 86, 58 (3rd symbol defaced).	86, 100, 60 (?)
254	51.7	·55×·5	1, 2, 3, 86, 58 (3rd symbol not clear).	86, 60, 137. Pl.
255	50.6	·55	1, 2, 3, 86, 58 . . .	86, 145, 236.
256	49.9	A ·6	1, 2, 3, 86, 58 . . .	86, 145, 139 (?)
257	46.4	·55×·4	1, 2, 3, 86, 58 . . .	86, 141 and another.
258	49.5	·5	1, 2, 3, 86, 58 (2nd, 3rd and 4th symbols obscure).	86 (disfigured), 139.
259	51.8	·5×·4	1, 2, 3, 86, 58 (5th symbol not clear).	86, 139 (disfigured).
260	47.4	·65×·55	1, 2, 3, 86, 58 . . .	86, 139 and another.
261	46.6	R ·55	1, 2, 3, 86, 58 . . .	86 (disfigured), 236 and another.
262	50.3	·6×·5	1, 2, 3, 86, 58 . . .	86, ?
263	50.4	A ·55	1, 2, 3, 86, 58 . . .	86 (disfigured), 145.
264	50.2	·5	1, 2, 3, 86, 58 . . .	86, ?
265	44.7	·5	1, 2, 3, 86, 58 . . .	86, ? Pl.
266	54.1	·5	1, 2, 3, 86, 58 . . .	86, ?
267	47.6	·6×·5	1, 2, 3, 86, 58 . . .	86, ?
268	52.5	·6×·5	1, 2, 3, 86, 58 . . .	86, ?
269	45.5	·5	1, 2, 3, 86, 58 . . .	86, ?
270	52.2	·55×·45	1, 2, 3, 86, 58 . . .	86, ?

Serial number.	Weight.	Shape and size.	Obverse.	Reverse
			<i>Var. c—contd.</i>	
271	47.8	.5×.45	1, 2, 3, 86, 58 (3rd symbol indistinct).	86, ?
272	50.7	.55×.45	1, 2, 3, 86, 58 . . .	86, ?
273	50.3	R .5	1, 2, 3, 86, 58 . . .	86, ?
274	52.6	A .5	1, 2, 3, 86, 58 . . .	86, ?
275	50.7	R .6	1, 2, 3, 86, 58 . . .	230, 139, ?
276	51.8	A .65×.4	1, 2, 3, 86, 58 . . .	143, not clear.
277	52.2	.5	1, 2, 3, 86, 58 . . .	143, not clear.
278	53.1	.5	1, 2, 3, 86, 58 . . .	Not clear.
279	53.2	.6×.5	1, 2, 3, 86, 58 . . .	86, 143.

## GROUP IV.

The coins of this group have been divided into eleven varieties. Vars. *a-j* have got four symbols in common—1, 2, 3 and 86, while var. *k* has got three symbols—1, 2 and 86 in common with the previous varieties. This group is connected with the preceding one by the symbol 86 which in both the groups occurs both on the obverse and the reverse sides. It is more closely related to var. *c* of that group by the first four symbols, and to vars. *a* and *b* of group I and *a* and *b* of group II by the first three symbols. Var. *a* corresponds to B.M.C., var. *a*, p. 28. The fifth symbol of var. *b* is the same as that of var. *a* save the left component which is reversed here. There is a similar combination in N. S. (*Vide* No. 97, pl. 18) but the taurines by the sides of the forked object are not found in any of the eight coins in this collection. The three coins of var. *c* have been described as a separate var. on account of the total absence of the left component of the fifth symbol. It cannot be definitely said that this component is absent owing to want of space. The triskeles is so very prominent that it seems to be an entire symbol by itself. It also occurs singly as a countermark on the reverse of many coins. The coins of var. *d* differ from those of *a* by the different form of the fifth symbol. The left component is different and has the horizontal line near the bottom instead of in the middle of the vertical line which is also thicker than that in symbol 96. This var. corresponds to N. S., No. 98, pl. 18. Var. *e* is the same as B. M. C., var. *d*, p. 29. In N. S., No. 96, pl. 17, we find a slightly different form of the fifth symbol where the outer vertical lines have not been shown in their full length and the reverse is stamped with 144 instead of 86. This fifth symbol (61) also occurs in another variety, N. S., No. 107, pl. 18 which is very



important from the fact that it establishes a further connection between this group and group II. The fifth symbol in vars. *f* and *g* is a turtle; in *f* it is without any taurine above or below it but in *g* it has a taurine above its tail and no taurine below the tail as in the case of symbol No. 58. It is easy to differentiate the symbols 132, 133 and 58 from the total absence or the particular position, of the taurine. So even if the upper part of symbol 58 be missing on a certain coin the symbol can be identified from the position of the taurine. It may be mentioned here that the reverse symbol 86 occurs in vars. *f* and *g*, and also in var. *c* of the preceding group. But group III possesses another reverse symbol, No. 143, which is totally absent from the different vars. of this group. Symbol 45, the fifth symbol of var. *h*, is composed of two simple symbols, an elephant with a taurine above its back and a human figure with a dumb-bell on each side. Both in B. M. C. and N. S., each part of this symbol has been incorrectly described as a separate entire symbol. And so the B. M. C., vars. *h*, *i* and *j*, pp. 30-31 and N. S., No. 102 and 104, pl. 18 are the outcome of this wrong reading. These vars. are but one and the same and agree with var. *h* of the present group. This symbol, 45 may be well studied from the coins 335, 348 and 375. As all the 42 coins of this collection as also those illustrated in B. M. C., and N. S., have got the same two stamps (86 and 147a) on the reverse none of them can be considered as a countermark in the case of these coins. The coins 363 to 368 may, however, be properly called countermarked. Var. *i* corresponds to B. M. C., var. *a*, p. 32 and N. S., No. 100, pl. 18. Although this var. has got 10 instead of 86 as the reverse stamp still it cannot be separated from this group owing to its first four symbols being in common with those of the other vars. Var. *j* is the same as B. M. C., var. *b*, p. 32. One of the coins 447 has got the stamp 67 instead of 86 on its reverse. Var. *k* is altogether a new type not noticed elsewhere. It replaces 3 of the other varieties by 4. Only three coins (448-450) have been found to belong to this var. The reverse of coin 448 has the usual stamp 86 disfigured and 139 as a countermark. On the reverse of coin 449 there are two symbols 67 and 60. The symbol 67 may be the usual stamp as in coin 447, the other being a countermark. The crescent mark at the top of the third symbol on the obverse of the coins 449 and 450 is not visible and so this symbol may be 6 in these two coins.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
280	53.3	A.6×.5	1, 2, 3, 86, 96 . . .	86.
281	46.2	.5×.45	1, 2, 3, 86, 96 . . .	86.
282	48.6	.5	1, 2, 3, 86, 96 . . .	86.
283	50.8	.5	1, 2, 3, 86, 96 . . .	86.
284	48.8	.5	1, 2, 3, 86, 96 . . .	86.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
285	47.8	.5	1, 2, 3, 86, 96 . . .	86.
286	50.2	.65×.5	1, 2, 3, 86, 96 . . .	86.
287	49	.6×.4	1, 2, 3, 86, 96 . . .	86.
288	54.1	.7×.4	1, 2, 3, 86, 96 . . .	86.
289	52.7	.6×.4	1, 2, 3, 86, 96 . . .	86.
290	51.4	.5	1, 2, 3, 86, 96 . . .	86.
291	50.5	.65×.4	1, 2, 3, 86, 96 (1st symbol defaced).	86.
292	51	.6×.5	1, 2, 3, 86, 96 (1st and 4th symbols indistinct).	86.
293	51.2	.5	1, 2, 3, 86, 96 . . .	86 over another. Pl.
294	54.5	R.6×.55	1, 2, 3, 86, 96 . . .	86.
295	51.1	.6	1, 2, 3, 86, 96 . . .	86.
296	52.1	.55	1, 2, 3, 86, 96 . . .	86.
297	43.7	.55	1, 2, 3, 86, 96 . . .	86.
298	51.3	.6×.5	1, 2, 3, 86, 96 . . .	86.
299	47.9	.65×.55	1, 2, 3, 86, 96 . . .	Not clear.
300	48.7	.6×.5	1, 2, 3, 86, 96 . . .	Do.
301	46.5	.5	1, 2, 3, 86, 96 . . .	Do.
<i>Var. b.</i>				
302	51	A.6×.4	1, 2, 3, 86, 98 . . .	86. Pl.
303	51.3	.6×.4	1, 2, 3, 86, 98 . . .	86.
304	52.3	.6×.5	1, 2, 3, 86, 98 . . .	86. Pl.
305	51.8	.6×.5	1, 2, 3, 86, 98 . . .	86 (disfigured).
306	48	.6×.5	1, 2, 3, 86, 98 . . .	86.
307	49.3	.5	1, 2, 3, 86, 98 . . .	86. Pl.
308	46.4	.6×.4	1, 2, 3, 86, 98 . . .	86.
309	49.5	.5	1, 2, 3, 86, 98 . . .	86 over another.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. c.</i>	
310	43.8	A.55×.45	1, 2, 3, 86, 100 . . .	86. Pl.
311	53.8	.6×.4	1, 2, 3, 86, 100 . . .	86.
312	44.6	R.6×.5	1, 2, 3, 86, 100 . . .	86.
			<i>Var. d.</i>	
313	47.3	A.55×.45	1, 2, 3, 86, 97 . . .	86. Pl.
314	48.9	.6×.35	1, 2, 3, 86, 97 . . .	86.
315	49.6	.5×.45	1, 2, 3, 86, 97 . . .	86.
316	52.7	.5	1, 2, 3, 86, 97 . . .	86.
317	52.3	.6×.4	1, 2, 3, 86, 97 . . .	86, 100. Pl.
318	48.3	.55×.45	1, 2, 3, 86, 97 . . .	86, ?
			<i>Var. e.</i>	
319	50.4	.5×.4	1, 2, 3, 86, 61 . . .	86.
320	51.8	.55×.45	1, 2, 3, 86, 61 . . .	86.
321	49	R.6×.5	1, 2, 3, 86, 61 (4th symbol not clear).	86.
322	50.9	.55×.4	1, 2, 3, 86, 61 . . .	86.
323	51.9	A.5×.45	1, 2, 3, 86, 61 . . .	86, ? Pl.
324	48.1	.5×.45	1, 2, 3, 86, 61 . . .	Not clear. Pl.
325	52.1	.55×.5	1, 2, 3, 86, 61 . . .	Not clear.
326	53.9	.5	1, 2, 3, 86, 61 . . .	Do.
327	51.7	.5×.4	1, 2, 3, 86, 61 . . .	Do.
			<i>Var. f.</i>	
328	48.8	.4	1, 2, 3, 86, 132 . . .	86, 100, 60.
329	39.1	.5×.45	1, 2, 3, 86, 132 . . .	86, 100, 60, 139. Pl.
330	52.3	R.5×.45	1, 2, 3, 86, 132 . . .	86 (disfigured), 139, 212a.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. g.</i>	
331	52.7	A.45×.4	1, 2, 3, 86, 133 . . .	86.
332	52.6	.5	1, 2, 3, 86, 133 . . .	86 (disfigured).
333	51.1	.5×.4	1, 2, 3, 86, 133 . . .	86, 100.
334	49.8	.5×.45	1, 2, 3, 86, 133 . . .	86, 100, 140. Pl.
			<i>Var. h.</i>	
335	49.5	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a. Pl.
336	52.3	.5	1, 2, 3, 86, 45 . . .	86, 147a.
337	48.8	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a.
338	51.9	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a.
339	51.2	.55×.5	1, 2, 3, 86, 45 . . .	86, 147a.
340	50.8	.55×.5	1, 2, 3, 86, 45 . . .	86, 147a.
341	46.6	.75×.5	1, 2, 3, 86, 45 . . .	86, 147a.
342	52.9	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a.
343	49.9	.55×.5	1, 2, 3, 86, 45 . . .	86, 147a.
344	52.8	.5	1, 2, 3, 86, 45 . . .	86, 147a.
345	50.8	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a. Pl.
346	48.8	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a.
347	52.2	.5	1, 2, 3, 86, 45 . . .	86, 147a.
348	52.4	.5×.45	1, 2, 3, 86, 45 . . .	86, 147a. Pl.
349	51.6	.6×.5	1, 2, 3, 86, 45 (4th symbol not clear).	86, 147a.
350	49	.6×.5	1, 2, 3, 86, 45 (3rd and 4th symbols defaced).	86, 147a.
351	50.4	.7×.55	1, 2, 3, 86, 45 (4th symbol defaced).	86, 147a.
352	52.2	.5	1, 2, 3, 86, 45 (1st and 3rd symbols defaced).	86, 147a (1st stamp disfigured).
353	50.3	R.6	1, 2, 3, 86, 45 . . .	86, 147a.
354	55.8	.5	1, 2, 3, 86, 45 . . .	86, 147a.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. h—contd.</i>				
355	48.9	.6	1, 2, 3, 86, 45 . . .	86, 147a.
356	49.1	.5×.4	1, 2, 3, 86, 45 . . .	86, 147a.
357	49.4	.55×.6	1, 2, 3, 86, 45 . . .	86, 147a.
358	49.8	.6×.5	1, 2, 3, 86, 45 . . .	86, 147a.
359	50.7	.5	1, 2, 3, 86, 45 . . .	86, 147a.
360	52.2	.5	1, 2, 3, 86, 45 . . .	86, 147a.
361	48.8	.6×.55	1, 2, 3, 86, 45 . . .	86, 147a.
362	51.1	.65×.6	1, 2, 3, 86, 45 (4th symbol indistinct).	86, 147a.
363	49.4	.6	1, 2, 3, 86, 45 . . .	86, 147a.
364	53.7	A.5	1, 2, 3, 86, 45 . . .	86, 147a, 236, and another.
365	53.2	.6×.5	1, 2, 3, 86, 45 . . .	86 (defaced).
366	50.2	.5	1, 2, 3, 86, 45 . . .	86, Do.
367	46.9	R.6×.55	1, 2, 3, 86, 45 . . .	86, Do.
368	50.8	.6×.55	1, 2, 3, 86, 45 . . .	86, 147a.
370	50.3	A.6×.4	1, 2, 3, 86, 45 . . .	Not clear.
371	52.8	.6	1, 2, 3, 86, 45 . . .	Do.
372	51	.6×.5	1, 2, 3, 86, 45 . . .	Do.
373	53.9	R.5	1, 2, 3, 86, 45 . . .	Do.
374	50.1	.5	1, 2, 3, 86, 45 . . .	Do.
375	50.1	.55	1, 2, 3, 86, 45 (2nd and 3rd symbols indistinct).	Do. Pl.
376	50.2	.6×.55	1, 2, 3, 86, 45 (2nd and 4th symbols defaced).	Do.
<i>Var. i.</i>				
377	48.4	A.5	1, 2, 3, 86, 94 . . .	10.
378	49.1	.5	1, 2, 3, 86, 94 . . .	10.
379	50.1	.5×.4	1, 2, 3, 86, 94 . . .	10. Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. i—contd.</i>	
380	52	·6×·5	1, 2, 3, 86, 94 . . .	10.
381	50·7	·55	1, 2, 3, 86, 94 . . .	10.
382	51·5	·55×·45	1, 2, 3, 86, 94 . . .	10. Pl.
383	52·5	·5	1, 2, 3, 86, 94 . . .	10.
384	53·2	·5×·4	1, 2, 3, 86, 94 . . .	10.
385	49·6	·6×·5	1, 2, 3, 86, 94 . . .	10.
386	50·8	·6×·5	1, 2, 3, 86, 94 . . .	10. Pl.
387	52·1	·6	1, 2, 3, 86, 94 . . .	10.
388	52·7	·6×·5	1, 2, 3, 86, 94 . . .	10.
389	51·3	·5×·4	1, 2, 3, 86, 94 . . .	10.
390	51·4	·5	1, 2, 3, 86, 94 . . .	10.
391	52	·6×·4	1, 2, 3, 86, 94 . . .	10.
392	50·7	·5	1, 2, 3, 86, 94 . . .	10.
393	50·5	·5×·4	1, 2, 3, 86, 94 . . .	10.
394	50·3	·5×·4	1, 2, 3, 86, 94 . . .	10.
395	50·9	·5	1, 2, 3, 86, 94 . . .	10.
396	52·3	·5	1, 2, 3, 86, 94 . . .	10.
397	51	·6×·4	1, 2, 3, 86, 94 . . .	10.
398	52·5	·5	1, 2, 3, 86, 94 . . .	10.
399	51·3	·5	1, 2, 3, 86, 94 . . .	10.
400	52·5	·5×·4	1, 2, 3, 86, 94 (3rd symbol indistinct).	10.
401	48·8	·6×·5	1, 2, 3, 86, 94 . . .	10.
402	50	·55×·5	1, 2, 3, 86, 94 . . .	10.
403	52·1	·5	1, 2, 3, 86, 94 . . .	10.
404	50·7	R·6	1, 2, 3, 86, 94 . . .	10.
405	49·6	·6×·55	1, 2, 3, 86, 94	10.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. i—contd.</i>				
406	45.1	.6×.5	1, 2, 3, 86, 94 (5th symbol not clear).	10.
407	52.7	.6×.5	1, 2, 3, 86, 94 . . .	10.
408	52.9	.65×.55	1, 2, 3, 86, 94 (5th symbol not clear).	10.
409	51.6	.6	1, 2, 3, 86, 94 . . .	10.
410	47.6	.55×.45	1, 2, 3, 86, 94 . . .	10.
411	50.9	.6×.5	1, 2, 3, 86, 94 . . .	10, 230.
412	45.6	A.55×.45	1, 2, 3, 86, 94 . . .	10, 230.
413	51.5	.55×.5	1, 2, 3, 86, 94 (1st symbol is not traceable).	10, 230, 234. Pl.
414	51.1	.5	1, 2, 3, 86, 94 . . .	10 (disfigured), 230, 233.
415	50.8	.5	1, 2, 3, 86, 94 . . .	10, 60.
416	49.7	.5×.4	1, 2, 3, 86, 94 . . .	10, 60 (both disfigured).
417	49.7	R.6×.5	1, 2, 3, 86, 94 . . .	10, 60.
418	50.2	.55×.5	1, 2, 3, 86, 94 . . .	10, 60.
419	52.3	A.6×.4	1, 2, 3, 86, 94 . . .	10 disfigured by 60.
420	49	.5	1, 2, 3, 86, 94 . . .	10, 60, 250.
421	51.3	R.6	1, 2, 3, 86, 94 . . .	10 disfigured by uncertain stamp.
422	48.7	A.6×.45	1, 2, 3, 86, 94 . . .	10 (disfigured), 233.
423	51.7	.6×.5	1, 2, 3, 86, 94 (5th symbol not clear).	10, ?
424	51.3	.5	1, 2, 3, 86, 94 (5th symbol not clear).	10, another disfigured.
425	49.7	R.6×.55	1, 2, 3, 86, 94 . . .	10, Do.
426	50.8	.6×.55	1, 2, 3, 86, 94 . . .	236 (disfigured).
427	48.6	A.5	1, 2, 3, 86, 94 . . .	60(?), ?
428	49.2	.45	1, 2, 3, 86, 94 . . .	Disfigured.
429	49.9	.5×.45	1, 2, 3, 86, 94 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. i—contd.</i>				
430	49.8	.5×.45	1, 2, 3, 86, 94 . . .	Disfigured.
431	47.8	.6×.5	1, 2, 3, 86, 94 (2nd symbol indistinct).	Defaced.
432	50.4	.55×.4	1, 2, 3, 86, 94 . . .	Not clear.
433	51.7	.55×.45	1, 2, 3, 86, 94 . . .	Do.
434	50.1	.5×.45	1, 2, 3, 86, 94 . . .	Do.
435	52.2	.6×.4	1, 2, 3, 86, 94 . . .	Do.
436	51	.6×.5	1, 2, 3, 86, 94 . . .	Do.
437	50.6	.5×.45	1, 2, 3, 86, 94 . . .	Do.
438	47.9	R.7×.5	1, 2, 3, 86, 94 . . .	Do.
439	49.4	.55	1, 2, 3, 86, 94 . . .	Do.
440	49.3	.6×.55	1, 2, 3, 86, 94 . . .	Indistinct.
441	50.7	A.55×.4	1, 2, 3, 86, 94 . . .	Do.
<i>Var. j.</i>				
442	52.5	A.5×.4	1, 2, 3, 86, 34 . . .	86. Pl.
443	53.4	.5	1, 2, 3, 86, 34 . . .	86.
444	49.4	.5×.45	1, 2, 3, 86, 34 . . .	86.
445	47	.5×.35	1, 2, 3, 86, 34 . . .	86, 139.
446	47.7	.5	1, 2, 3, 86, 34 . . .	86 (disfigured).
447	52.2	.5	1, 2, 3, 86, 34 . . .	67. Pl.
<i>Var. k</i>				
448	49.7	R.55×.5	1, 2, 4, 86, 34 . . .	86 (disfigured), 139. Pl.
449	51.1	.55×.5	1, 2, 4, 86, 34 . . .	60, 67(?) Pl.
450	51.1	.5	1, 2, 4, 86, 34 . . .	Not clear.



## GROUP V.

The coins of this group have been sub-divided into ten varieties of which *a* and *b* are connected with the coins of Gr. II, and *c* and *d* with those of Grs. III and IV by the reverse stamps. Vars. *b*, *d* and *f* differ from *a*, *c* and *e* respectively by the different form of the six-armed symbol. As regards the four different forms of the six-armed symbol occurring in this group it may be noticed, however, that 2 and 2f are sometimes difficult to distinguish. As 2f has also got a taurine as one of its six arms, if that part of the symbol which has the taurine flanked on each side by an arrow is found impressed on a coin it becomes extremely difficult to ascertain whether the symbol is 2 or 2f. And hence vars. *b*, *d* and *f* may be the same as *a*, *c* and *e*, or *b* and *d* may correspond with B. M. C. vars. *c* and *d*, pp. 32-34. That both 2 and 2f occur in this group may be verified from the coins 558 and 585 which distinctly show symbol 2. Vars. *a*, *c* and *e* have been illustrated in N. S., No. 72, pl. 15. Var. *a* is most probably the same as B. M. C., var. *h*, p. 35 where the animal of the six-armed symbol is visible. It is not possible to say definitely whether the six-armed symbol of B. M. C., vars. *h*, *k* and *l*, pp. 35-36 is identical with 2f, in as much as none of the plates XLI. 23, VI, 4 and 12, and V, 22 contains the full impression of this symbol. This form of this symbol, however, can be best studied from coins 527, 537 and 566 where both the animal and the dumb-bell are visible. Var. *f* is not illustrated anywhere. Var. *g* replaces symbol 29 of the other vars. by 23 and is a unique var. not described elsewhere. Var. *h* is the same as *a*, *c* and *e* but differs in the reverse stamp. Var. *i* has three of its symbols in common with the above vars. Coins 603-604 of this var. agree with B. M. C., var. *r*, p. 39 but as on nearly half the coins of this var. the reverse stamps are either indistinct or disfigured it is not possible to ascertain whether this var. represents also the B. M. C., vars. *q*, *s* and *t*, pp. 38-39. Coins Nos. 605-606 have got on the reverse three little human figures in a single stamp. Coins Nos. 589-602 could not be included in any of the vars. of this group as the reverse of all of them are badly defaced. And so they have been described separately. Var. *j* links itself with *i* by two of the obverse symbols and corresponds with B. M. C., Gr. IX, p. 54 of which var. *a* is represented by the coins 636-637. The six-armed symbol 2d may be seen in full on coin 644.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
451	47.8	A .5×.45	1, 2f, 34, 29, 87 . . .	10.
452	50.7	.5×.45	1, 2f, 34, 29, 87 . . .	10.
453	48.7	.5	1, 2f, 34, 29, 87 . . .	10.
454	48.3	.5×.45	1, 2f, 34, 29, 87 . . .	10.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a—contd.</i>	
455	48	$\cdot 6 \times \cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
456	49.8	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
457	50.4	$\cdot 5 \times \cdot 45$	1, 2f, 34, 29, 87 . . . .	10.
458	51.7	$\cdot 55 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
459	50.3	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
460	46.5	$\cdot 5 \times \cdot 45$	1, 2f, 34, 29, 87 . . . .	10.
461	49.5	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
462	47.1	$\cdot 6 \times \cdot 45$	1, 2f, 34, 29, 87 . . . .	10.
463	51.1	$\cdot 7 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
464	49.9	$\cdot 55 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
465	52.6	$\cdot 6 \times \cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
466	49.7	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
467	48.9	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
468	51.6	$\cdot 5 \times \cdot 45$	1, 2f, 34, 29, 87 . . . .	10.
469	46.6	$\cdot 5 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
470	46.7	$\cdot 5 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
471	47.3	$\cdot 5 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
472	51.2	$\cdot 5 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
473	50	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
474	50.4	$\cdot 45 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
475	50.7	$\cdot 5 \times \cdot 4$	1, 2f, 34, 29, 87 . . . .	10.
476	52.3	$\cdot 5 \times \cdot 45$	1, 2f, 34, 29, 87 (4th symbol indistinct).	10.
477	48.7	$\cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
478	52.6	$\cdot 6 \times \cdot 35$	1, 2f, 34, 29, 87 . . . .	10. Pl. .
479	50.2	R $\cdot 6 \times \cdot 5$	1, 2f, 34, 29, 87 . . . .	10.
480	47.2	$\cdot 6 \times \cdot 55$	1, 2f, 34, 29, 87 (4th symbol defaced).	10.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
481	52.5	.55×.45	1, 2f, 34, 29, 87 . . .	10 and another.
482	50.3	A .5	1, 2f, 34, 29, 87 . . .	10.
483	50.9	.6×.45	1, 2f, 34, 29, 87 . . .	10 , 60.
484	50.6	.5×.45	1, 2f, 34, 29, 87 . . .	10 , 60.
485	47.1	.6×.5	1, 2f, 34, 29, 87 . . .	10 , 60.
486	50.7	.5	1, 2f, 34, 29, 87 . . .	10 , 60.
487	49.8	.45×.4	1, 2f, 34, 29, 87 . . .	10 and another.
488	48.2	.5×.4	1, 2f, 34, 29, 87 . . .	10 , 270.
489	52.2	.5×.45	1, 2f, 34, 29, 87 . . .	10 and another indistinct stamp.
490	50.9	.5×.4	1, 2f, 34, 29, 87 . . .	10 and another.
491	51.1	.5×.45	1, 2f, 34, 29, 87 . . .	10 , 175.
492	49.3	.5×.45	1, 2f, 34, 29, 87 . . .	10 , 236, and two more.
493	48.9	R .6×.55	1, 2f, 34, 29, 87 . . .	10 , 227, ?
494	50.6	A .5×.45	1, 2f, 34, 29, 87 (2nd symbol not clear).	10 and another indistinct stamp.
495	48.2	.5×.4	1, 2f, 34, 29, 87 . . .	10.
496	47	.5×.45	1, 2f, 34, 29, 87 . . .	10.
497	51.6	.6×.5	1, 2f, 34, 29, 87 (2nd symbol not clear).	Indistinct.
498	44.9	.5	1, 2f, 34, 29, 87 . . .	Do.
499	50.9	R .55×.5	1, 2f, 34, 29, 87 . . .	Not clear.
500	54.6	.6×.55	1, 2f, 34, 29, 87 . . .	Do.
<i>Var. b.</i>				
501	51.4	A .5	1, 2, 34, 29, 87 . . .	10.
502	50.5	.6×.4	1, 2, 34, 29, 87 . . .	10.
503	51.4	.55	1, 2, 34, 29, 87 . . .	10.
504	50.2	.5×.45	1, 2, 34, 29, 87 . . .	10.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
505	50.6	R .7×.5	1, 2, 34, 29, 87 . . .	10.
506	51	A .5×.45	1, 2, 34, 29, 87 . . .	10 and another indistinct.
			<i>Var. c.</i>	
507	52	.5	1, 2f, 34, 29, 87 . . .	86.
508	47.3	.55×.5	1, 2f, 34, 29, 87 . . .	86.
509	50	.5	1, 2f, 34, 29, 87 . . .	86.
510	51.1	.5	1, 2f, 34, 29, 87 . . .	86.
511	45.8	.5	1, 2f, 34, 29, 87 . . .	86.
512	50.8	.5	1, 2f, 34, 29, 87 . . .	86.
513	49.7	.55×.5	1, 2f, 34, 29, 87 . . .	86.
514	50.3	.5	1, 2f, 34, 29, 87 . . .	86.
515	50.3	.5	1, 2f, 34, 29, 87 . . .	86.
516	51.6	.5×.45	1, 2f, 34, 29, 87 . . .	86.
517	49	.5×.4	1, 2f, 34, 29, 87 . . .	86.
518	50.4	.5×.4	1, 2f, 34, 29, 87 . . .	86.
519	51.1	.65×.4	1, 2f, 34, 29, 87 . . .	86.
520	47.9	.55×.5	1, 2f, 34, 29, 87 . . .	86 disfigured.
521	46.6	.6×.5	1, 2f, 34, 29, 87 . . .	86 and another indistinct.
522	51.3	R .6	1, 2f, 34, 29, 87 . . .	86.
523	50	.65×.55	1, 2f, 34, 29, 87 . . .	86.
524	50.6	.6×.5	1, 2f, 34, 29, 87 . . .	86.
525	49.9	.6	1, 2f, 34, 29, 87 . . .	86.
526	48.5	.6×.5	1, 2f, 34, 29, 87 . . .	86.
527	51.4	.55	1, 2f, 34, 29, 87 . . .	86 impressed twice. Pl. .
528	51	.6×.55	1, 2f, 34, 29, 87 . . .	86.
529	51.7	.6×.55	1, 2f, 34, 29, 87 . . .	86.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. c—contd.</i>	
530	51.7	.6	1, 2f, 34, 29, 87 . . .	86.
531	49.8	.6×.55	1, 2f, 34, 29, 87 . . .	86.
532	50.9	.5×.45	1, 2f, 34, 29, 87 . . .	86.
533	47.7	.6	1, 2f, 34, 29, 87 . . .	86 disfigured.
534	52.5	.6×.5	1, 2f, 34, 29, 87 . . .	86 and 60.
535	47.7	.6×.5	1, 2f, 34, 29, 87 . . .	86 and 60.
536	49.2	.6	1, 2f, 34, 29, 87 . . .	86 and 60.
537	48.7	A .55×.45	1, 2f, 34, 29, 87 . . .	86 and 60.
538	46.8	.55×.5	1, 2f, 34, 29, 87 . . .	86 and 60.
539	45.9	.6×.4	1, 2f, 34, 29, 87 . . .	86, 145 and another.
540	51.3	R .55	1, 2f, 34, 29, 87 . . .	86, 206 and two more indistinct.
541	50.3	.6×.5	1, 2f, 34, 29, 87 . . .	86, 196 and other stamps.
542	51.9	.6×.5	1, 2f, 34, 29, 87 . . .	86 and two more indistinct.
543	49.7	A .55×.5	1, 2f, 34, 29, 87 . . .	86 and another.
544	45.2	.6×.4	1, 2f, 34, 29, 87 . . .	86 partially disfigured, 242.
545	48.5	.5	1, 2f, 34, 29, 87 . . .	86, ? Pl. .
546	51.3	.5×.45	1, 2f, 34, 29, 87 . . .	86.
547	50.6	.5	1, 2f, 34, 29, 87 . . .	86 and another.
548	48.6	.55×.5	1, 2f, 34, 29, 87 . . .	86 and indistinct stamps.
549	47.5	.55×.5	1, 2f, 34, 29, 87 . . .	86 and one faint mark.
550	48.7	.55	1, 2f, 34, 29, 87 . . .	86 and one faint mark.
551	50.3	.5	1, 2f, 34, 29, 87 . . .	86, 180.
552	47.5	.45	1, 2f, 34, 29, 87 . . .	86 and another. Pl. .
553	51.8	R .55×.45	1, 2f, 34, 29, 87 . . .	One faint stamp.
554	49.2	.5×.45	1, 2f, 34, 29, 87 . . .	Several small stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. d.</i>	
555	47.5	R .6	1, 2, 34, 29, 87 . . .	86.
556	48.3	A .5×.4	1, 2, 34, 29, 87 . . .	86.
557	51.2	.5	1, 2, 34, 29, 87 . . .	86.
558	50.7	.5	1, 2, 34, 29, 87 . . .	86. Pl. .
559	50	.6×.5	1, 2, 34, 29, 87 . . .	86 and traces of another.
			<i>Var. e.</i>	
560	44.7	.6×.4	1, 2f, 34, 29, 87 . . .	67. Pl. .
561	52	.5×.45	1, 2f, 34, 29, 87 . . .	67.
562	48	.6×.5	1, 2f, 31, 29, 87 . . .	67.
563	50.2	.55×.45	1, 2f, 31, 29, 87 . . .	67.
564	46.1	.6×.5	1, 2f, 31, 29, 87 . . .	67.
565	48.7	.7×.5	1, 2f, 34, 29, 87 . . .	67.
566	47.4	.55×.5	1, 2f, 34, 29, 87 . . .	67. Pl. .
567	47.5	.5×.45	1, 2f, 34, 29, 87 . . .	67.
568	51.4	.6×.45	1, 2f, 34, 29, 87 . . .	67.
569	50.3	.5×.45	1, 2f, 34, 29, 87 . . .	67.
570	51.6	.45×.4	1, 2f, 34, 29, 87 . . .	67.
571	46.5	.65×.4	1, 2f, 34, 29, 87 . . .	67.
572	49.5	R .6×.55	1, 2f, 34, 29, 87 . . .	67.
573	47.3	.6	1, 2f, 34, 29, 87 . . .	67.
574	49.9	.6×.4	1, 2f, 34, 29, 87 . . .	67.
575	46.8	A .5	1, 2f, 34, 29, 87 . . .	67 (disfigured)
576	50.6	.55×.4	1, 2f, 34, 29, 87 . . .	67 (disfigured)
577	47.9	.5	1, 2f, 34, 29, 87 . . .	67 (disfigured by 235)
578	52	.5	1, 2f, 34, 29, 87 . . .	67, 236, 284.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. e—contd.</i>				
579	46.5	.5×.4	1, 2f, 34, 29, 87 . . .	67, 252.
580	45.2	.5	1, 2f, 34, 29, 87 . . .	67 and another.
581	47.7	.5×.45	1, 2f, 34, 29, 87 . . .	67 do.
582	51.7	.55×.45	1, 2f, 34, 29, 87 . . .	67 and two more indistinct.
583	47.7	.5	1, 2f, 34, 29, 87 . . .	67 and traces of other marks.
<i>Var. f.</i>				
584	51	A .45	1, 2, 34, 29, 87 . . .	67.
585	53.3	.55×.5	1, 2, 34, 29, 87 . . .	67 and traces of two other stamps. Pl. .
<i>Var. g.</i>				
586	51.6	R .5	1, 2f, 34, 23, 87 . . .	230, 67 (? disfigured). Pl. .
<i>Var. h.</i>				
587	50.4	.6×.5	1, 2f, 34, 29, 87 . . .	147a, not clear.
588	47.5	.55×.5	1, 2f, 34, 29, 87 . . .	272, 186.
589	48.9	.6×.5	1, 2f, 34, 29, 87 . . .	Not clear.
590	47.4	A .5	1, 2f, 34, 29, 87 . . .	Do.
591	49.4	.5	1, 2f, 34, 29, 87 . . .	Do.
592	49.8	.6×.45	1, 2f, 34, 29, 87 . . .	Do.
593	53.2	.5	1, 2f, 34, 29, 87 . . .	Do.
594	49.8	.5	1, 2f, 34, 29, 87 . . .	Do.
595	53.8	.5	1, 2f, 34, 29, 87 . . .	Do.
596	51.1	.5×.4	1, 2f, 34, 29, 87 . . .	Do.
597	49.5	.55×.5	1, 2f, 34, 29, 87 . . .	Do.
598	48	.55×.45	1, 2f, 34, 29, 87 . . .	Do.
599	51.5	R .6×.55	1, 2f, 34, 29, 87 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. h—contd.</i>				
600	50.4	.55×.5	1, 2f, 34, 29, 87 . . .	Blank.
601	49	A .5×.45	1, 2f, 34, 29, 87 . . .	Do.
602	47.9	.5	1, 2f, 34, 29, 87 . . .	Do.
<i>Var. i.</i>				
603	50.8	R .6×.55	1, 2i, 29, 68, 87 . . .	62 and another.
604	49.7	A .5	1, 2i, 29, 68, 87 . . .	Do. (?)
605	45.4	.55×.45	1, 2i, 29, 68, 87 . . .	141 and another.
606	50.4	R .55×.45	1, 2i, 29, 68, 87 . . .	Do.
607	52.4	.55×.5	1, 2i, 29, 68, 87 . . .	23.
608	50.8	.7×.5	1, 2i, 29, 68, 87 . . .	23, 185.
609	50.4	A .5	1, 2i, 29, 68, 87 . . .	23.
610	49.5	.55×.5	1, 2i, 29, 68, 87 . . .	23 disfigured by 236. Pl. .
611	45.4	.5×.45	1, 2i, 29, 68, 87 . . .	203a and one stamp.
612	50.6	R .6×.5	1, 2i, 29, 68, 87 . . .	203.
613	52.3	.55×.5	1, 2i, 29, 68, 87 . . .	260.
614	51.2	A .55×.5	1, 2i, 29, 68, 87 . . .	159. Pl. .
615	50.1	.5×.45	1, 2i, 29, 68, 87 . . .	207 and another.
616	48.9	R .55×.5	1, 2i, 29, 68, 87 . . .	162 and another faint mark.
617	52.5	.55×.5	1, 2i, 29, 68, 87 . . .	Two faint marks.
618	49.8	.6×.55	1, 2i, 29, 68, 87 (3rd symbol indistinct).	One very small illegible stamp.
619	52	.55×.5	1, 2i, 29, 68, 87 . . .	Disfigured.
620	48.6	.6×.55	1, 2i, 29, 68, 87 . . .	Do.
621	50.9	A .5×.45	1, 2i, 29, 68, 87 . . .	Do.
622	49.7	.5	1, 2i, 29, 68, 87 Additional 1.	Do.
623	47.7	.55×.5	1, 2i, 29, 68, 87 . . .	Indistinct.
624	49.9	.55×.45	1, 2i, 29, 68, 87 . . .	Do.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. i—contd.</i>	
625	48.7	.5	1, 2i, 29, 68, 87 . . .	Indistinct.
626	50.7	R .6×.5	1, 2i, 29, 68, 87 . . .	Do.
627	51.1	.6×.55	1, 2i, 29, 68, 87 . . .	Do.
628	51.1	.6×.5	1, 2i, 29, 68, 87 . . .	Not clear.
629	51.5	.65×.45	1, 2i, 29, 68, 87 . . .	Do.
630	52	.55×.45	1, 2i, 29, 68, 87 . . .	Do.
631	49	A .5	1, 2i, 29, 68, 87 . . .	Do.
632	51.3	.5×.45	1, 2i, 29, 68, 87 . . .	Do.
633	48	.5×.45	1, 2i, 29, 68, 87 . . .	Do.
634	48.3	R .6×.45	1, 2i, 29, 68, 87 . . .	Blank.
635	50.7	.55×.5	1, 2i, 29, 68, 87 . . .	Do.
			<i>Var. j.</i>	
636	52.5	A .5	1, 2d, 109, 87, 90 . . .	144.
637	50.4	R .65×.5	1, 2d, 109, 87, 90 . . .	144.
638	51.3	A .55×.45	1, 2d, 109, 87, 90 . . .	62 and two other stamps.
639	47.1	.65×.55	1, 2d, 109, 87, 90 . . .	139, 23.
640	50.2	.65×.6	1, 2d, 109, 87, 90 . . .	168, 23.
641	48.9	R .6×.55	1, 2d, 109, 87, 90 . . .	147a and traces of another stamp.
642	47.4	.6×.55	1, 2d, 109, 87, 90 . . .	207, 195 and two more.
643	47.5	A .55×.5	1, 2d, 109, 87, 90 . . .	Two indistinct stamps. Pl. .
644	49.5	.6×.5	1, 2d, 109, 87, 90 . . .	Two very small stamps. Pl. .
645	46.1	.6×.5	1, 2d, 109, 87, 90 . . .	Disfigured.
646	44.9	.55	1, 2d, 109, 87, 90 . . .	Indistinct.
647	52	.65×.5	1, 2d, 109, 87, 90 . . .	Not clear.
648	52.3	.6	1, 2d, 109, 87, 90 . . .	Do.
649	50	.55×.5	1, 2d, 109, 87, 90 . . .	Do.

## GROUP VI.

This group is connected with the other groups by the reverse stamps 86, 67 and 144. The characteristic obverse symbols of this group are 39, 67 and 76. Var. *a* has three symbols in common with vars. *a*, *c*, *e* and *h* of the preceding group. It is the same as B.M.C., var. *l*, p. 36, taking the second symbol as 2f. From a study of the coins 657, and 661 it will be seen that in 2f<sup>1</sup> a fish has been substituted in place of the dumb-bell of 2f. The six-armed symbol of the B.M.C., var. is not visible in full in plates VI, 12 and V, 22. Vars. *b*, *c*, and *d* are linked with *a* by the symbol 39. Var. *b* is similar to B.M.C., var. *p*, p. 38. This var. has also been figured in N.S., No. 75a, pl. 16, but there the six-armed symbol is different. The fourth symbol (33), of this var. has not been drawn in full either in B.M.C. or N. S. It has a group of five dots round a central one above the animal. This may be verified from coins 670 and 683. Var. *c* replaces 87 of var. *b* by 67 and corresponds with B.M.C., var. *m*, p. 37. Var. *d* replaces 33 of the preceding var. by 63 but has in nearly all the specimens the same reverse stamp 67. It corresponds with N.S., No. 79, pl. 16 but the six-armed symbol is different which may be studied from coins 684, 697 and 699. It is perhaps also the same as B. M. C., var. *b*, p. 56 where the six-armed symbol appears to be 2, but as it is not impressed in full it may be 2k which has also a taurine flanked on each side by an arrow. B.M.C., pl. V, 20 and pl. IV, 22 show only a taurine and two arrows of this symbol. The fifth symbol in none of the above plates is clear. Vars. *e* to *h* are connected with the previous var. *d* by the two obverse symbols and by their reverse stamps. They are not found in B.M.C. Var. *e* replaces the last two symbols of *d* by 56 and 117 and corresponds to N.S., No. 28, pl. 11. Var. *f* replaces 117 of *e* by 116. Symbol 2e may be studied from coins 700, 703, 704 and 705. Var. *g* is linked with vars. *e* and *f* by the first, third and fourth symbols. The fifth symbol could not be read. But the second symbol, though it is partially impressed, is certainly different from that of *e* and *f*. As this var. has only one coin and has not been figured elsewhere the second symbol could not be verified. It may be 2q or N.S., No. 18, pl. 26, each of which has got a club like arm. Var. *h* replaces 56 of var. *g* by the symbol 15. This var. corresponds to B.M.C., var. *a*, p. 56, but there the fifth symbol could not be read. In none of the coins in this collection the fifth symbol is impressed in full. It has been drawn from a comparison of the coins. This is a new symbol not illustrated elsewhere. The exact form may be studied from the coins 708, 710 and 711.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
650	51	A·5×·4	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86.
651	50·6	·6×·4	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
652	49.1	R.7×.5	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86.
653	50.3	.6×.55	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86.
654	51.1	.6×.5	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86.
655	48.8	.7×.5	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86.
656	51.9	.6	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86. Pl.
657	50.4	A.55×.5	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86, 271. Pl.
658	46.7	.6×.55	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86, ?. Pl.
659	46.3	.7×.5	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86, ?.
660	50.5	.6×.5	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86 and other small stamps.
661	50.7	.6×.45	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86 disfigured, 271, 186. Pl.
662	48.7	R.65×.6	1, 2f <sup>1</sup> , 34, 86, 39 . . .	86, 60, 162.
<i>Var. b.</i>				
663	50.7	R.55×.5	1, 2h, 87, 33, 39 . . .	62, ?.
664	50.6	.6×.5	1, 2h, 87, 33, 39 . . .	210 and two other stamps.
665	49	.55	1, 2h, 87, 33, 39 . . .	One faint stamp.
666	51.5	A.5	1, 2h, 87, 33, 39 . . .	60 over another now indistinct.
667	48.9	.55×.5	1, 2h, 87, 33, 39 (5th symbol indistinct).	271, 256c.
668	51.3	R.5	1, 2h, 87, 33, 39 . . .	?. Pl.
<i>Var. c.</i>				
669	48.9	A.6×.5	1, 2h, 67, 33, 39 . . .	67. Pl.
670	46.4	.5	1, 2h, 67, 33, 39 . . .	67. Pl.
671	47.9	.5	1, 2h, 67, 33, 39 (5th symbol indistinct).	67.
672	51.3	.6×.5	1, 2h, 67, 33, 39 . . .	67.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. c—contd.</i>				
673	49.1	.55×.5	1, 2h, 67, 33, 39 . . .	67.
674	50.6	R.55×.45	1, 2h, 67, 33, 39 (5th symbol indistinct).	67.
675	48.3	.6×.5	1, 2h, 67, 33, 39 . . .	67.
676	49.2	.6×.55	1, 2h, 67, 33, 39 . . .	67.
677	49.1	.65×.6	1, 2h, 67, 33, 39 . . .	76 (disfigured). Pl.
678	48	A.5	1, 2h, 67, 33, 39 . . .	67 (disfigured). Pl.
679	48.8	.5	1, 2h, 67, 33, 39 . . .	67, 60.
680	46	.55×.5	1, 2h, 67, 33, 39 . . .	67 and another.
681	46.1	.55×.45	1, 2h, 67, 33, 39 . . .	67 and two other indistinct stamps.
682	49.7	.55×.5	1, 2h, 67, 33, 39 . . .	Two indistinct stamps.
683	51.7	R.55×.5	1, 2h, 67, 33, 39 . . .	? Pl.
<i>Var. d.</i>				
684	51.9	A.6×.5	1, 2k, 67, 63, 39 . . .	67, 23. Pl.
685	48.1	.6	1, 2k, 67, 63, 39 . . .	67, 23.
686	51.9	R.6	1, 2k, 67, 63, 39 . . .	67, 60.
687	50.7	A.6×.5	1, 2k, 67, 63, 39 . . .	67, 60.
688	46.9	.6×.5	1, 2k, 67, 63, 39 . . .	67, 60.
689	48	.5	1, 2k, 67, 63, 39 . . .	67, indistinct stamps.
690	50	.6×.5	1, 2k, 67, 63, 39 . . .	67.
691	52.1	R.7×.6	1, 2k, 67, 63, 39 . . .	67.
692	50.6	.6	1, 2k, 67, 63, 39 . . .	67, 23.
693	48.8	.65×.6	1, 2k, 67, 63, 39 . . .	23, 236 and another.
694	49.1	.7×.55	1, 2k, 67, 63, 39 . . .	Defaced.
695	50.8	.7×.55	1, 2k, 67, 63, 39 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. d—contd.</i>	
696	51	A·6	1, 2k, 67, 63, 39 . . .	Not clear.
697	48·1	·5	1, 2k, 67, 63, 39 . . .	Do. Pl.
698	47·8	·6×·5	1, 2k, 67, 63, 39 . . .	Do.
699	48·7	·75×·6	1, 2k, 67, 63, 39 . . .	Tiny indistinct stamps. Pl.
			<i>Var. e.</i>	
700	51·1	A·6×·5	1, 2c, 67, 56, 117 . . .	67. Pl.
701	50·7	·6×·5	1, 2c, 67, 56, 117 . . .	67.
702	46·4	R·6×·55	1, 2c, 67, 56, 117 . . .	67.
703	47·8	A·6×·4	1, 2c, 67, 56, 117 . . .	67, another disfigured. Pl.
704	51·2	·5	1, 2c, 67, 56, 117 . . .	67, ?. Pl.
			<i>Var. f.</i>	
705	50·5	A·5×·45	1, 2c, 67, 56, 116 . . .	67. Pl.
			<i>Var. g.</i>	
706	51·9	R·55×·45	1, 2(?), 67, 56, ? . . .	67.
			<i>Var. h.</i>	
707	51·3	A·65×·5	1, 2l, 67, 15, 76 . . .	67, 251.
708	48	R·6	1, 2l, 67, 15, 76 . . .	67, and another. Pl.
709	50·7	·6×·55	1, 2l, 67, 15, 76 . . .	Indistinct.
710	48	A·5	1, 2l, 67, 15, 76 . . .	67. Pl.
711	49·3	·55×·5	1, 2l, 67, 15, 76 . . .	67, 271. Pl.
712	47·9	·5	1, 2l, 67, 15, 76 . . .	Defaced.

## GROUP VII.

This group consisting of twelve coins only has got two varieties which are connected with each other by four common symbols, 1, 2m, 38 and 7, and have a link with other groups by the symbols 1 and 42. Symbol 38 has got taurines in places of fishes of symbol 39 and so it is but a different form of the latter which occurs in the preceding group. The two vars. *a* and *b* correspond with N.S., Nos. 81 and 82, pl. 16 respectively. Var. *a* is similar to B.M.C., var. *o*, p. 38 where the fifth symbol is 38 and not 39 as can be seen from the plates XLII, 1 and 2. The second symbol is not fully visible in any of these plates. B.M.C., var. *n*, p. 38 is the same as var. *b* of this group. There the third symbol is 14 as can be verified from pl. XLI, 24. Both the vars. have got 144 as the reverse stamp.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
713	49.9	A.5	1, 2m, 42, 38, 7 . . .	144 another indistinct.
714	53.1	.55×.5	1, 2m, 42, 38, 7 . . .	Do.
715	52.1	.5×.4	1, 2m, 42, 38, 7 . . .	Do. Pl.
<i>Var. b.</i>				
716	51.9	A.6×.5	1, 2m, 14, 38, 7 . . .	144, ?. Pl.
717	50.2	R.6	1, 2m, 14, 38, 7 . . .	144. Pl.
718	51.4	.7×.5	1, 2m, 14, 38, 7 . . .	144.
719	52	.6	1, 2m, 14, 38, 7 . . .	144 and another.
720	53	A.5	1, 2m, 14, 38, 7 . . .	144 disfigured by a small indistinct stamp. Pl.
721	53.3	.5	1, 2m, 14, 38, 7 . . .	224. Pl.
722	49.9	.55×.5	1, 2m, 14, 38, 7 . . .	260.
723	51.2	.6×.5	1, 2m, 14, 38, 7 . . .	184 and another disfigured. Pl.
724	51.5	.5	1, 2m, 14, 38, 7 . . .	Not clear.

## GROUP VIII.

In this group there are four varieties each of which is connected with the other by four symbols on the obverse and the general reverse stamp 67 which links this group in general with some of the other groups. The characteristic obverse symbol of this group is 102. Var. *a* corresponds with B. M. C., var. *u*, p. 40 and N. S., No. 117, pl. 19. In the latter only four taurines of symbol 69 have been shown, the fifth one having been substituted by leaves of a tree (p. 49). Var. *b* replaces symbol 69 of *a* by 40 (the exact symbol may be studied from coins) and is probably similar to B. M. C., var. *v*, p. 40 and N. S., No. 120, pl. 20, where the taurines before the face of the bull have not been shown. In var. *c* the fifth symbol is a human figure. Var. *d* also has a human figure as its fifth symbol; but it is different from that in var. *c*. These two varieties are neither in B. M. C. nor N. S. Two more varieties of this group have been illustrated in N. S., Nos. 118 and 119, pl. 19—one with 67 and another with two fishes on each side of a straight line, as the fifth symbol. The three coins 774-776 have been described separately as the fifth symbol of these coins is indistinct.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
725	54.5	A .55×.5	1, 2, 3, 102, 69 . . .	67.
726	53.2	.6×.55	1, 2, 3, 102, 69 . . .	67.
727	48.3	.55×.5	1, 2, 3, 102, 69 . . .	67. Pl.
728	51.3	R .6×.55	1, 2, 3, 102, 69 . . .	67. Pl.
729	49.4	.6×.55	1, 2, 3, 102, 69 . . .	67.
730	49.1	A .5×.4	1, 2, 3, 102, 69 . . .	67 and another indistinct..
<i>Var. b.</i>				
731	50.1	A .6×.5	1, 2, 3, 102, 40 . . .	67. Pl.
732	52.3	.55×.5	1, 2, 3, 102, 40 . . .	67.
733	50.3	.55×.45	1, 2, 3, 102, 40 . . .	67.
734	53.7	.55×.5	1, 2, 3, 102, 40 . . .	67.
735	47.6	.5×.45	1, 2, 3, 102, 40 . . .	67.
736	51.2	.5×.45	1, 2, 3, 102, 40 . . .	67.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
737	50.6	.6×.5	1, 2, 3, 102, 40 . . .	67. Pl.
738	49.6	.5×.45	1, 2, 3, 102, 40 . . .	67.
739	53.3	.5×.45	1, 2, 3, 102, 40 . . .	67.
740	51.7	.6×.5	1, 2, 3, 102, 40 . . .	67.
741	48.8	.5×.45	1, 2, 3, 102, 40 . . .	67.
742	50.6	.6×.5	1, 2, 3, 102, 40 . . .	67.
743	50.3	.6×.4	1, 2, 3, 102, 40 . . .	67.
744	50.3	.45×.4	1, 2, 3, 102, 40 . . .	67.
745	49.4	.45	1, 2, 3, 102, 40 . . .	67.
746	50	R .6×.5	1, 2, 3, 102, 40 . . .	67.
747	50.4	.55	1, 2, 3, 102, 40 . . .	67.
748	45.2	.5×.45	1, 2, 3, 102, 40 . . .	67.
749	50.6	.6×.55	1, 2, 3, 102, 40 . . .	67.
750	50	.55×.5	1, 2, 3, 102, 40 . . .	67.
751	50.7	.55×.5	1, 2, 3, 102, 40 . . .	67.
752	51.6	.55×.5	1, 2, 3, 102, 40 . . .	67.
753	51.5	.55×.5	1, 2, 3, 102, 40 . . .	67.
754	51.9	.5	1, 2, 3, 102, 40 . . .	67.
755	52	.6×.45	1, 2, 3, 102, 40 . . .	67.
756	49.6	.55×.45	1, 2, 3, 102, 40 . . .	67 disfigured.
757	52.8	A .75×.4	1, 2, 3, 102, 40 . . .	67 do.
758	50.8	.45×.4	1, 2, 3, 102, 40 . . .	67 do.
759	52.7	.45	1, 2, 3, 102, 40 . . .	67 and another.
760	51	.7×.45	1, 2, 3, 102, 40 . . .	67 (disfigured) and another.
761	51.1	.55×.45	1, 2, 3, 102, 40 . . .	67 and 230.
762	50.5	.55×.5	1, 2, 3, 102, 40 . . .	67 and 60.
763	50.6	R .55×.5	1, 2, 3, 102, 40 . . .	67 and 60.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
764	49.1	.6×.55	1, 2, 3, 102, 40 . . .	67, 236. Pl.
765	51.9	.55	1, 2, 3, 102, 40 . . .	139 and another.
766	49.6	.6×.5	1, 2, 3, 102, 40 . . .	Not clear.
767	52.5	A .5×.45	1, 2, 3, 102, 40 . . .	Do.
768	51.4	.5	1, 2, 3, 102, 40 . . .	Do.
769	46.5	.55×.5	1, 2, 3, 102, 40 . . .	Do.
770	52.6	.5×.45	1, 2, 3, 102, 40 . . .	Indistinct.
771	51.4	R .6×.55	1, 2, 3, 102, 40 . . .	Do.
<i>Var. c.</i>				
772	53.3	R .55×.5	1, 2, 3, 102, 114 . . .	67 and another. Pl.
<i>Var. d.</i>				
773	51.7	R .6×.5	1, 2, 3, 102, 121 . . .	67.
774	51.5	R .55×.45	1, 2, 3, 102, ? . . .	67.
775	50.7	.6×.55	1, 2, 3, 102, ? . . .	67.
776	49	A .5×.4	1, 2, 3, 102, ? . . .	67 and another.

## GROUP IX.

This group consisting of 54 coins has been divided into eleven varieties of which *a* to *e* have got four symbols—1, 2, 3 and 27, in common and are connected with group IV and the preceding group by their first three symbols. All the vars. have miscellaneous reverse stamps. But the stamp '152 which has been found to occur in vars. *a* to *c* and *e* and *h* may be said to be the usual stamp of this group. Var. *a* corresponds to B. M. C., var. *c*, p. 43 and N. S., No. 113, pl. 19. Vars. *b* to *g* are new and not noticed elsewhere. In *b* the fifth symbol is a bull with a forked object upon its back. It may be well studied from coins 784, 786 and 797. The fifth symbol of var. *c* is composed of two simple symbols. It can be seen in full on coins 804 and 809. Var. *d* has got 93 as the fifth symbol and is interesting in having three little human figures in a single stamp on the reverse. The fifth symbol of var. *e* is some animal with two long ears (goat?)

standing to right. The fourth symbol of var. *f* is indistinct and the fifth one a strange animal with a curious object over its back. In var. *g* the third symbol is not clear and the fifth symbol appears to be a female figure standing to right. Var. *h* is connected with the other vars. by the three symbols 1, 2 and 27 and has got a human figure as the fifth symbol. It replaces the third symbol of the previous vars. except *g* by 36 and corresponds to N. S., No. 83, pl. 16 but differs from B. M.C., var. *b*, p. 43 in having an elephant in place of the bull. But this elephant is not clear in the plates V, 19 and 23. Besides two other stamps coin 820 has got on the reverse the stamp of three human figures. Vars. *i* and *j* link themselves with var. *h* by their first three symbols. Var. *i* replaces 27 by 23 and has got the same human figure of var. *h* as the fifth symbol. The fourth symbol of var. *j* is not clear and the fifth one is a horse, only the hind part of which is visible on the coin. The reverse has got a very obscure tiny stamp. Var. *k* is connected with *a* to *f* by the first three symbols and with *h* to *j* by the first two and fourth symbols. Here in none of the coins the fifth symbol can be seen in full. So far as can be drawn from a comparison with the various coins it looks like 81. Coins 826-829 have got 135 as one of the reverse stamps. The fifth symbol not being clear coins 815 and 816 could not be included in any of the above vars. and so have been described separately.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
777	51.7	A .6×.5	1, 2, 3, 27, 108 . . .	169. Pl.
778	49.3	.5×.45	1, 2, 3, 27, 108 . . .	152. Pl.
779	49.6	.6×.4	1, 2, 3, 27, 108 . . .	60 and another.
780	50.7	.55×.35	1, 2, 3, 27, 108 . . .	60.
781	50.8	R .6×.5	1, 2, 3, 27, 108 . . .	152.
782	51.3	A .5×.45	1, 2, 3, 27, 108 . . .	One very tiny stamp.
<i>Var. b.</i>				
783	51.2	.65×.45	1, 2, 3, 27, 41 . . .	62.
784	51	.6×.4	1, 2, 3, 27, 41 . . .	Plant (disfigured). Pl.
785	48.6	.5×.45	1, 2, 3, 27, 41 . . .	139, 272 and another.
786	51.3	.5×.45	1, 2, 3, 27, 41 . . .	152. Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
787	52.4	R .65×.45	1, 2, 3, 27, 41 . . .	162.
788	49.3	A .6×.45	1, 2, 3, 27, 41 . . .	264 and another indistinct. Pl.
789	51	.5×.4	1, 2, 3, 27, 41 . . .	Two incomplete stamps.
790	51.5	.45	1, 2, 3, 27, 41 . . .	266 and other stamps (disfigured).
791	51.2	.55×.4	1, 2, 3, 27, 41 . . .	One very small stamp.
792	53	.6×.5	1, 2, 3, 27, 41 . . .	Defaced.
793	50.7	.5×.4	1, 2, 3, 27, 41 . . .	Disfigured.
794	49.5	.5×.4	1, 2, 3, 27, 41 . . .	Do.
795	52.3	.5×.45	1, 2, 3, 27, 41 . . .	Not clear.
796	50.6	.55×.4	1, 2, 3, 27, 41 . . .	Do.
797	50.2	.6×.5	1, 2, 3, 27, 41 . . .	Do.
798	52.7	.45×.4	1, 2, 3, 27, 41 . . .	Pl. Do.
799	51.1	R .6×.5	1, 2, 3, 27, 41 . . .	Do.
800	46.6	A .5×.45	1, 2, 3, 27, 41 . . .	Plain.
<i>Var. c.</i>				
801	51.6	R .6×.5	1, 2, 3, 27, 99 . . .	152.
802	51.8	.6×.55	1, 2, 3, 27, 99 . . .	152.
803	52.9	A .6×.45	1, 2, 3, 27, 99 . . .	152. Pl.
804	51.8	.5×.4	1, 2, 3, 27, 99 . . .	152. Pl.
805	52	.5×.4	1, 2, 3, 27, 99 . . .	Incomplete mark.
806	51.3	.6×.5	1, 2, 3, 27, 99 . . .	Indistinct.
807	51	.5×.45	1, 2, 3, 27, 99 . . .	Do.
808	50.8	R .6×.55	1, 2, 3, 27, 99 . . .	Do.
809	52.1	A .5×.45	1, 2, 3, 27, 99 . . .	Defaced. Pl.
810	49.3	.55×.45	1, 2, 3, 27, 99 . . .	?

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. d.</i>	
811	51.9	A .5×.4	1, 2, 3, 27, 93 . . .	141a. Pl.
			<i>Var. e.</i>	
812	53.2	.5	1, 2, 3, 27, 51 . . .	Not clear.
813	52.7	.6×.45	1, 2, 3, 27, 51 . . .	152, not clear. Pl.
			<i>Var. f.</i>	
814	51.6	.5	1, 2, 3, ?, 52 . . .	60, 256a, 178. Pl.
			<i>Var. g.</i>	
814a	50.4	.5	1, 2, ?, 27, 119 . . .	Two indistinct stamps. Pl.
815	50.6	R .6	1, 2, 3, 27, ? . . .	169 over another.
816	50.2	.6×.5	1, 2, 3, 27, ? . . .	152.
			<i>Var. h.</i>	
817	47.6	A .6×.5	1, 2, 27, 36, 115 . . .	147a, 246 and two more. Pl.
818	52.6	.6×.55	1, 2, 27, 36, 115 . . .	152. Pl.
819	50.2	.7×.45	1, 2, 27, 36, 115 . . .	152 and two other indistinct stamps.
820	49.4	.55	1, 2, 27, 36, 115 . . .	141, 60 and another. Pl.
821	52.4	.5×.45	1, 2, 27, 36, 115 . . .	152, 238 and two more.
822	49	.65×.55	1, 2, 27, 36, 115 . . .	One tiny indistinct stamp.
823	51	.55×.45	1, 2, 27, 36, 115 . . .	Indistinct. Pl.
			<i>Var. i.</i>	
824	51.8	R .75×.5	1, 2, 36, 23, 115 . . .	234 and two more indistinct. Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. j.</i>	
825	49.5	A .65×.35	1, 2, 36, 1, 59 . . .	Obscure tiny stamp. Pl.
			<i>Var. k.</i>	
826	49.6	R .55×.5	1, 2, 3, 36, 81 . . .	135 Pl.
827	49.9	.55×.5	1, 2, 3, 36, 81 . . .	135 and another.
828	47.9	A .55×.4	1, 2, 3, 36, 81 . . .	135, 147a, 60 (?). Pl.
829	45.3	.65×.5	1, 2, 3, 36, 81 . . .	135 and other disfigured stamps.
830	50.4	.5×.45	1, 2, 3, 36, 81 . . .	Disfigured stamps.
831	49.6	.5×.4	1, 2, 3, 36, 81 . . .	135 (incomplete).
832	46.1	.5×.4	1, 2, 3, 36, 81 . . .	Defaced.

## GROUP X.

This group is divided into nine varieties of which *b* to *g* are connected with the preceding group and group IV by their first three symbols. Var. *a* replaces symbol 3 of the above vars. by 4 and is closely connected with *b* by having the remaining four symbols in common with it. Vars. *h* and *i* are connected with the other vars. by the characteristic symbol 124 of the group. Var. *a* corresponds to B. M. C., var. *a*, p. 41. Vars. *b* and *c* are respectively the same as N. S., Nos. 108 and 109, pl. 19. In no coin of this collection the fifth symbol of var. *c* is fully encircled by a thick line as shown in N. S., No. 109, pl. 19. This symbol is rightly shown in B. M. C., var. *b*, p. 41. The fifth symbol of var. *d* is an animal. Var. *e* also has got an animal as the fifth symbol. Var. *f* is new. Var. *h* corresponds to B. M. C., var. *c*, p. 41 and N. S., No. 151, pl. 32. The fourth symbol of N. S., however, is drawn incorrectly. The symbol is exactly the same as in B. M. C., var. *c*, p. 41. The taurines at the top and bottom should be facing each other and not following each other as in N. S. This may be verified from coins 900 and 907. Var. *i* is exactly similar to B. M. C., var. *d*, p. 42. The third symbol of B. M. C., however, has been drawn inaccurately as can be seen



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
853	53.6	.6×.4	1, 2, 3, 124, 32 . . .	Not clear.
854	48.7	R .6×.5	1, 2, 3, 124, 32 . . .	Do.
855	51.3	A .55×.5	1, 2, 3, 124, 32 . . .	Blank.
856	53.2	.55×.45	1, 2, 3, 124, 32 . . .	Do.
857	51.5	.4	1, 2, 3, 124, 32 . . .	Do.
<i>Var. c.</i>				
858	51.1	.5×.4	1, 2, 3, 124, 55 . . .	144.
859	52.6	.45×.45	1, 2, 3, 124, 55 . . .	144.
860	52.8	.55×.4	1, 2, 3, 124, 55 . . .	144 disfigured by 156. Pl.
861	52.2	.5×.4	1, 2, 3, 124, 55 . . .	62.
862	45.6	.5×.4	1, 2, 3, 124, 55 . . .	230 and another.
863	50.2	.45×.4	1, 2, 3, 124, 55 . . .	223 and another.
864	52.3	R .55×.5	1, 2, 3, 124, 55 . . .	One stamp.
865	53.1	A .5×.45	1, 2, 3, 124, 55 . . .	Disfigured.
866	51.4	.5	1, 2, 3, 124, 55 . . .	Do.
867	50.4	R .55×.45	1, 2, 3, 124, 55 . . .	Do.
868	41.9	.55×.5	1, 2, 3, 124, 55 . . .	Not clear.
869	52.2	.5	1, 2, 3, 124, 55 . . .	Do.
870	51.1	A .5×.4	1, 2, 3, 124, 55 . . .	Do.
871	52.3	.5×.45	1, 2, 3, 124, 55 . . .	Do. Pl.
872	51.3	.5×.4	1, 2, 3, 124, 55 . . .	Do. Pl.
873	51.8	.55×.4	1, 2, 3, 124, 55 . . .	Do.
874	52.5	.5×.4	1, 2, 3, 124, 55 . . .	Do.
875	51.7	.45×.4	1, 2, 3, 124, 55 . . .	Do.
876	50	.5×.35	1, 2, 3, 124, 55 . . .	Indistinct.
877	49.7	.5	1, 2, 3, 124, 55 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. d.</i>	
878	52	A .5×.45	1, 2, 3, 124, 50 . . .	182. Pl.
			<i>Var. e.</i>	
879	51.7	.5×.35	1, 2, 3, 124, 54 . . .	144, 230. Pl.
880	51.5	.5×.45	1, 2, 3, 124, 54 . . .	144, 230. Pl.
881	52	.55×.45	1, 2, 3, 124, 54 . . .	Not clear.
882	52.7	R .55×.5	1, 2, 3, 124, 54 . . .	Do.
			<i>Var. f.</i>	
883	50.6	A .6×.45	1, 2, 3, 124, 31 . . .	141, 144 and another. Pl.
			<i>Var. g.</i>	
884	51.5	.55×.5	1, 2, 3, 124, ? . . .	141 and 144. Pl.
885	53.8	.5×.4	1, 2, 3, 124, ? . . .	67 and another. Pl.
			<i>Var. h.</i>	
886	51.2	R .65×.5	1, 2c, 124, 32, 70 . . .	144.
887	51.3	.65×.4	1, 2c, 124, 32, 70 . . .	144 and 60.
888	52.3	A .5×.45	1, 2c, 124, 32, 70 . . .	144 and one incomplete stamp.
889	52.7	.55×.5	1, 2c, 124, 32, 70 . . .	144 and two indistinct stamps.
890	50.7	.6×.45	1, 2c, 124, 32, 70 . . .	144 Do.
891	49.9	.5×.45	1, 2c, 124, 32, 70 . . .	60 and another.
892	50.1	R .65×.55	1, 2c, 124, 32, 70 . . .	60 and two more.
893	52.2	.65×.5	1, 2c, 124, 32, 70 . . .	60, defaced.
894	49.6	.6×.5	1, 2c, 124, 32, 70 . . .	86 (?) and other indistinct stamps.
895	47	.6	1, 2c, 124, 32, 70 . . .	Stamps disfigured.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. h—contd.</i>	
896	52.8	·5	1, 2c, 124, 32, 70 . .	One very tiny stamp.
897	52.4	·55×·5	1, 2c, 124, 32, 70 . .	Various stamps.
898	51.8	·6×·5	1, 2c, 124, 32, 70 . .	Two indistinct stamps.
899	51.4	·6×·5	1, 2c, 124, 32, 70 . .	165.
900	50.6	A ·6×·5	1, 2c, 124, 32, 70 . .	One stamp. Pl.
901	52.5	·5	1, 2c, 124, 32, 70 . .	260, 252 and another.
902	53.6	·6×·35	1, 2c, 124, 32, 70 . .	230, 265. Pl.
903	50.9	·5×·4	1, 2c, 124, 32, 70 . .	164, 248, ?
904	52	·5	1, 2c, 124, 32, 70 . .	62.
905	50.7	·5×·45	1, 2c, 124, 32, 70 . .	256a.
906	47.2	·55×·4	1, 2c, 124, 22, 70 . .	Two small stamps.
907	48.3	·6×·5	1, 2c, 124, 32, 70 . .	One faint stamp. Pl.
908	50.7	·6×·55	1, 2c, 124, 32, 70 . .	One indistinct stamp.
909	49.9	·5×·45	1, 2c, 124, 32, 70 (4th symbol not traceable).	23 and another.
910	52.2	·55×·5	1, 2c, 124, 32, 70 . .	One faint stamp.
911	50.3	·6×·4	1, 2c, 124, 32, 70 . .	Disfigured. <sup>†</sup>
912	50	·6×·4	1, 2c, 124, 32, 70 . .	Do.
913	51.8	·55×·5	1, 2c, 124, 32, 70 . .	Do. Pl.
914	50.8	·7×·4	1, 2c, 124, 32, 70 . .	Do.
915	52.1	·5×·4	1, 2c, 124, 32, 70 . .	Do.
916	49.7	R ·65×·6	1, 2c, 124, 32, 70 . .	Do.
917	49.7	·6×·55	1, 2c, 124, 32, 70 . .	Do.
918	52	A ·6×·5	1, 2c, 124, 32, 70 . .	Indistinct.
919	52.9	·5	1, 2c, 124, 32, 70 . .	Not clear.
920	51	R ·55	1, 2c, 124, 32, 70 . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. h.—contd.</i>				
921	48.7	.55×.5	1, 2c, 124, 32, 70 . .	Not clear.
922	48.5	.6	1, 2c, 124, 32, 70 . .	?
923	49.2	.6×.5	1, 2c, 124, 32, 70 . .	Plain.
<i>Var. i.</i>				
924	49.2	A .55	1, 2t, 124, 72, 16 . .	144.
925	49.1	.7×.55	1, 2t, 124, 72, 16 . .	144.
926	50.4	R .65×.55	1, 2t, 124, 72, 16 . .	144 and another. Pl.
927	50.8	A .5	1, 2t, 124, 72, 16 . .	Two stamps. Pl.
928	52.3	.55×.5	1, 2t, 124, 72, 16 . .	229. Pl.
929	49.9	.6×.5	1, 2t, 124, 72, 16 . .	141a and one faint stamp.

## GROUP XI.

In this group there have been found nine varieties of which *a* connects itself and the remaining eight varieties with the foregoing groups by its first three obverse symbols and has a closer connection with group I by the reverse stamp 135. It corresponds with B. M. C., var. *a*, p. 45. The characteristic symbol of this group is 57. Coins 1066 to 1070 are noteworthy for having on the reverse a bold stamp of 3 countermarked with 145 and 100. Var. *b* has three symbols in common with *a* and corresponds with B. M. C., var. *e*, p. 46. Here also the six-armed symbol creates difficulty. It has got three arrows, two taurines and a dumb-bell. In some of the coins where only one or two taurines and the arrows are visible the symbol is apt to be mistaken for 2. Var. *c* corresponds with B. M. C., var. *h*, p. 49. The six-armed symbol in vars. *c* to *h* is the same as in *b*. Vars. *d* and *e* correspond respectively with B. M. C., vars. *k* and *l*, pp. 50-51, where the exact form of the six-armed symbol cannot be definitely ascertained but that it is not 2*d* can be verified from pl. X, 3 which shows a taurine. Var. *f* is the same as B. M. C., var. *b*, p. 52 where owing to the imperfect impression symbol 27 has been read as 152. It also agrees with N. S., No. 89, pl. 17 but here too the six-armed symbol cannot be definitely ascertained. Var. *g* is new. Var. *h* corresponds with B. M. C., vars. *i* and *j*, p. 50, and N. S., No. 87, pl. 17 but the six-armed symbol is different in both the books. B. M. C. plates do not show the full impression of the symbol. But in Pl. XLII, 20 it appears to be 2*o* and not 2*d*. If coins 1079, 1156 and 1169 alone are examined one may be led to suppose that the six-armed symbol is 2. But as both taurines

and dumb-bells are found in coins 1159, 1188, 1190 and 1225, there cannot be any doubt that the symbol is 20. Var. *i* corresponds with N. S., No. 127, pl. 20. In the coins of this var. there are two hill marks, 144 and 144b the latter of which occurs more frequently than the former and is a little elongated in shape. B. M. C., vars. *a* and *b*, pp. 11-15 may be regarded as belonging to this var. because the fifth symbol in both the vars. appears to be 57 as can be verified by a close examination of the plates II, 3, 4, 6 and 9. This type has been described in B. M. C., as a separate class owing to the special form of the reverse stamp but as none of the coins of the present collection has that form and some of them are stamped with the form more usually found on coins of other groups, it is not possible here to describe them as a separate class. Besides, in some cases the reverse stamp instead of being equal is far less in size than that on the obverse. (Cf. coins 1254, 1258, 1267.) The elongated shape of the reverse stamp which may be studied from coins 1254, 1258, 1267 is the same as on coin 1429 of class III.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
930	49.6	A .45	1, 2, 3, 57, 88 . . .	135.
931	50.5	.5×.45	1, 2, 3, 57, 88 . . .	135.
932	48.4	.5×.4	1, 2, 3, 57, 88 . . .	135.
933	47.9	.45	1, 2, 3, 57, 88 . . .	135.
934	49.5	.65×.35	1, 2, 3, 57, 88 . . .	135.
935	51.1	.45×.4	1, 2, 3, 57, 88 . . .	135.
936	51.7	.55×.45	1, 2, 3, 57, 88 . . .	135.
937	50.8	.5×.4	1, 2, 3, 57, 88 . . .	135.
938	51.1	.55×.4	1, 2, 3, 57, 88 . . .	135.
939	46.8	.5×.45	1, 2, 3, 57, 88 . . .	135.
940	49.5	.45	1, 2, 3, 57, 88 . . .	135.
941	51.2	.45×.4	1, 2, 3, 57, 88 . . .	135.
942	50.9	.5×.4	1, 2, 3, 57, 88 . . .	135.
943	48.4	.5×.4	1, 2, 3, 57, 88 . . .	135.
944	51.5	.5×.45	1, 2, 3, 57, 88 . . .	135.
945	49.8	.5×.4	1, 2, 3, 57, 88 . . .	135.
946	52.7	.6×.5	1, 2, 3, 57, 88 . . .	135.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.—contd.</i>	
947	52	·45	1, 2, 3, 57, 88 . . .	135.
948	49·5	R ·6×·5	1, 2, 3, 57, 88 . . .	135.
949	49·2	A ·55×·5	1, 2, 3, 57, 88 . . .	135 disfigured.
950	53·5	·5×·4	1, 2, 3, 57, 88 . . .	135 <i>do.</i>
951	48·2	·6	1, 2, 3, 57, 88 . . .	135 incomplete.
952	51·8	·5	1, 2, 3, 57, 88 . . .	135 and 100.
953	50·7	·55×·4	1, 2, 3, 57, 88 . . .	135 and 100.
954	50·7	·5×·35	1, 2, 3, 57, 88 . . .	135 and 100.
955	46·1	·6×·35	1, 2, 3, 57, 88 . . .	135 and 100.
956	49·1	·65×·6	1, 2, 3, 57, 88 . . .	135 and 100. Pl.
957	52	·55×·4	1, 2, 3, 57, 88 . . .	135 and 100.
958	52·5	·5×·4	1, 2, 3, 57, 88 . . .	135 and 100.
959	50·4	·6×·4	1, 2, 3, 57, 88 . . .	135 and 100.
960	52·4	·6×·4	1, 2, 3, 57, 88 . . .	135 and 100.
961	47·8	·6×·35	1, 2, 3, 57, 88 . . .	135 and 100.
962	49·4	·45×·4	1, 2, 3, 57, 88 . . .	135 and 100.
963	51·3	·45	1, 2, 3, 57, 88 . . .	135 and 100.
964	48	R ·55×·5	1, 2, 3, 57, 88 . . .	135 and 100.
965	48·6	·55×·5	1, 2, 3, 57, 88 . . .	135 and 100.
966	50·8	·6×·5	1, 2, 3, 57, 88 . . .	135 and 100.
967	49·5	·6×·5	1, 2, 3, 57, 88 . . .	135 and 100.
968	50·9	A ·5	1, 2, 3, 57, 88 . . .	135 disfigured by 100.
969	52·6	·5×·4	1, 2, 3, 57, 88 . . .	135 disfigured, 100.
970	49·7	·6×·45	1, 2, 3, 57, 88 . . .	135 disfigured, 100.
971	50·7	·55×·4	1, 2, 3, 57, 88 . . .	135 disfigured, 100.
972	49·8	·6×·45	1, 2, 3, 57, 88 . . .	135 disfigured by 100.
973	49·8	·45	1, 2, 3, 57, 88 . . .	135, 100.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.—contd.</i>				
974	49.2	A .5	1, 2, 3, 57, 88 . . .	135, 100, 141.
975	45	.6×.4	1, 2, 3, 57, 88 . . .	135, 100, 141.
976	50.9	.5	1, 2, 3, 57, 88 . . .	135, 100, 139.
977	48	.65×.35	1, 2, 3, 57, 88 . . .	135, 100, 139.
978	53.1	.6×.35	1, 2, 3, 57, 88 . . .	135, 100, 60.
979	52.9	.55×.35	1, 2, 3, 57, 88 . . .	135, 100, 251.
980	52.1	.45	1, 2, 3, 57, 88 . . .	135, 100, ?
981	52.1	.7×.45	1, 2, 3, 57, 88 . . .	135, 100, ?
982	52.1	.55×.35	1, 2, 3, 57, 88 . . .	135, 100, ?
983	49.9	.5	1, 2, 3, 57, 88 . . .	135, 100, ?
984	50.8	.55×.4	1, 2, 3, 57, 88 . . .	135, 100, ?
985	49.3	.5×.45	1, 2, 3, 57, 88 . . .	135, 100, ?
986	50.8	.55×.35	1, 2, 3, 57, 88 . . .	135, 139.
987	43.7	.6×.45	1, 2, 3, 57, 88 . . .	135, 139.
988	51.7	.5	1, 2, 3, 57, 88 . . .	135, 139.
989	48.1	.7×.55	1, 2, 3, 57, 88 . . .	135, 139.
990	45.7	.5×.4	1, 2, 3, 57, 88 . . .	135, 139.
991	45.1	.7×.55	1, 2, 3, 57, 88 . . .	135, 139.
992	49.4	.6×.5	1, 2, 3, 57, 88 . . .	Pl. 135, 139.
993	47.3	.5×.4	1, 2, 3, 57, 88 . . .	135, 139.
994	47.7	.7×.5	1, 2, 3, 57, 88 . . .	135, 139.
995	48.4	.5	1, 2, 3, 57, 88 . . .	135, 139.
996	50.1	.55×.4	1, 2, 3, 57, 88 . . .	135, 139.
997	50.7	.55×.45	1, 2, 3, 57, 88 . . .	135, 139.
998	49.6	R .5	1, 2, 3, 57, 88 . . .	135, 139.
999	50.1	.55	1, 2, 3, 57, 88 . . .	135, 139, 135d.
1000	43.2	A.55×.35	1, 2, 3, 57, 88 . . .	135, 139 and part of another.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i> —contd.	
1001	50.9	A .45	1, 2, 3, 57, 88 . . .	135, 139, ?
1002	47.3	.5×.45	1, 2, 3, 57, 88 . . .	135, 139, ?
1003	43.5	.6×.45	1, 2, 3, 57, 88 . . .	135, 139, ?
1004	50.5	.5×.45	1, 2, 3, 57, 88 . . .	135, 145.
1005	51.9	.5	1, 2, 3, 57, 88 . . .	135, 230.
1006	48.4	.5×.4	1, 2, 3, 57, 88 . . .	135, 135d, ?
1007	48.7	.6×.4	1, 2, 3, 57, 88 . . .	135, 135d, ?
1008	49.8	.5×.45	1, 2, 3, 57, 88 . . .	135, 135d, ?
1009	51.4	.5×.4	1, 2, 3, 57, 88 . . .	135, 135d, 60(?)
1010	51.9	.7×.45	1, 2, 3, 57, 88 . . .	135, 139, 60(?), ?
1011	50.2	.6×.4	1, 2, 3, 57, 88 . . .	135, 136.
1012	45.7	.6×.5	1, 2, 3, 57, 88 . . .	135, 136.
1013	47.1	.55×.5	1, 2, 3, 57, 88 . . .	135, 136 and another. Pl.
1014	48.9	R .55×.5	1, 2, 3, 57, 88 . . .	135.
1015	47.8	.6×.5	1, 2, 3, 57, 88 . . .	135.
1016	50.5	.6×.5	1, 2, 3, 57, 88 . . .	135.
1017	51	.55	1, 2, 3, 57, 88 . . .	135.
1018	48.3	.55	1, 2, 3, 57, 88 . . .	135.
1019	50.2	A .45	1, 2, 3, 57, 88 . . .	135.
1020	47.1	.5×.4	1, 2, 3, 57, 88 . . .	135.
1021	50.8	.5	1, 2, 3, 57, 88 . . .	135.
1022	52.4	.5	1, 2, 3, 57, 88 . . .	135 and two more.
1023	51.8	.6×.4	1, 2, 3, 57, 88 . . .	135.
1024	51.4	.6×.35	1, 2, 3, 57, 88 . . .	135, indistinct.
1025	51.5	.55×.4	1, 2, 3, 57, 88 . . .	135.
1026	47.8	.55×.35	1, 2, 3, 57, 88 . . .	136, 60, ?
1027	52.2	.65×.3	1, 2, 3, 57, 88 . . .	136 and another disfigured.

## A HOARD OF SILVER PUNCH-MARKED COINS FROM PURNEA

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.—contd.</i>	
1028	49.8	R .6×.5	1, 2, 3, 57, 88 . . .	135d.
1029	50.2	A .5×.45	1, 2, 3, 57, 88 . . .	135d.
1030	51.1	.6×.4	1, 2, 3, 57, 88 . . .	135 and another.
1031	49.5	.45	1, 2, 3, 57, 88 . . .	100 and other faint marks.
1032	50.1	.5×.4	1, 2, 3, 57, 88 . . .	100, ?
1033	51	R .6×.5	1, 2, 3, 57, 88 . . .	100, ?
1034	50	A .55×.5	1, 2, 3, 57, 88 . . .	100 over another.
1035	48.8	.45	1, 2, 3, 57, 88 . . .	100 and another disfigured.
1036	49.8	.7×.4	1, 2, 3, 57, 88 . . .	100 disfigured, 145 and another.
1037	50	.5×.4	1, 2, 3, 57, 88 . . .	100, defaced.
1038	52.4	.5×.45	1, 2, 3, 57, 88 . . .	100, ?
1039	42.6	.6×.45	1, 2, 3, 57, 88 . . .	60, 139 and 145.
1040	50.7	.7×.5	1, 2, 3, 57, 88 . . .	60, 60 and 139.
1041	52.1	.55×.4	1, 2, 3, 57, 88 . . .	60, defaced.
1042	51.7	.55×.45	1, 2, 3, 57, 88 . . .	139 and another.
1043	49.9	.6	1, 2, 3, 57, 88 . . .	139, defaced.
1044	49.9	R .6×.55	1, 2, 3, 57, 88 . . .	141, 140, ?
1045	49.7	.65×.55	1, 2, 3, 57, 88 . . .	141, ?
1046	49.2	A .5×.45	1, 2, 3, 57, 88 . . .	141, ?
1047	50.6	.45	1, 2, 3, 57, 88 . . .	Stamps disfigured.
1048	52.4	.45	1, 2, 3, 57, 88 . . .	Disfigured.
1049	49.1	.55×.4	1, 2, 3, 57, 88 . . .	Stamps disfigured.
1050	50.1	R .6×.5	1, 2, 3, 57, 88 . . .	Do.
1051	44.7	A .5×.4	1, 2, 3, 57, 88 . . .	Do.
1052	47.5	.6×.45	1, 2, 3, 57, 88 . . .	Do.
1053	45.4	.55×.4	1, 2, 3, 57, 88 . . .	Do.
1054	50.3	.6×.45	1, 2, 3, 57, 88 . . .	Part of a stamp.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.—concl.</i>				
1055	52.9	.5×.45	1, 2, 3, 57, 88 . .	Tiny indistinct stamps.
1056	50.5	.6×.5	1, 2, 3, 57, 88 . . .	Indistinct stamps.
1057	46.8	.55×.4	1, 2, 3, 57, 88 . . .	Defaced.
1058	47.2	R .55×.5	1, 2, 3, 57, 88 . . .	Do.
1059	50.6	.6×.45	1, 2, 3, 57, 88 . . .	Do.
1060	50.9	A .5×.4	1, 2, 3, 57, 88 . . .	Not clear.
1061	49.7	.65	1, 2, 3, 57, 88 . . .	Do.
1062	49	.7×.5	1, 2, 3, 57, 88 . . .	Pl. Do.
1063	45	.55×.4	1, 2, 3, 57, 88 . . .	Not clear.
1064	51.2	.75×.5	1, 2, 3, 57, 88 . . .	Do.
1065	46.3	.7×.35	1, 2, 3, 57, 88 . . .	Do.
1066	44.3	R .6×.45	1, 2, 3, 57, 88 . . .	3 and 145.
1067	50.1	A .6×.45	1, 2, 3, 57, 88 . . .	3, 145, 100, ?
1068	49.3	.7×.6	1, 2, 3, 57, 88 . . .	3, 145, ?
1069	45.6	.55×.4	1, 2, 3, 57, 88 . . .	Pl. 3, 100, ?
1070	44.8	.55×.35	1, 2, 3, 57, 88 . . .	3 and another disfigured.
1071	50.4	.6×.4	1, 2, 3, 57, 88 . . .	?
1072	48.8	R .5	1, 2, 3, 57, 88 . . .	?
<i>Var. b.</i>				
1073	51.4	A .5×.45	1, 20, 57, 88, 89 . . .	135.
1074	51.6	.6×.45	1, 20, 57, 88, 89 . . .	135.
1075	50.2	.6×.4	1, 20, 57, 88, 89 . . .	135.
1076	48.8	.6×.4	1, 20, 57, 88, 89 . . .	135 and another indistinct.
1077	53	.5×.45	1, 20, 57, 88, 89 . . .	Do.
1078	46.8	.45×.4	1, 20, 57, 88, 89 . . .	135, 60 over 135d.
1079	49.2	.6×.45	1, 20, 57, 88, 89 . . .	135, 136.
1080	50.9	.6×.4	1, 20, 57, 88, 89 . . .	Pl. 135, 242.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1081	49.8	·5×·4	1, 20, 57, 88, 89 . . .	135 and two other stamps.
1082	50.1	·55×·5	1, 20, 57, 88, 89 . . .	135, 283, 239. Pl.
1083	48.6	R ·55×·45	1, 20, 57, 88, 89 . . .	136.
1084	47.2	·6×·5	1, 20, 57, 88, 89 . . .	136.
1085	49.3	·6×·5	1, 20, 57, 88, 89 . . .	136.
1086	51	·55×·5	1, 20, 57, 88, 89 . . .	136.
1087	48.4	·6×·55	1, 20, 57, 88, 89 . . .	136, 23 and another indistinct.
1088	50	A ·55×·5	1, 20, 57, 88, 89 . . .	136, 260.
1089	48.9	·6×·5	1, 20, 57, 88, 89 . . .	136, 60, 60 and other stamps.
1090	49.8	·55×·5	1, 20, 57, 88, 89 . . .	136, 60 and another.
1091	51.1	·6×·4	1, 20, 57, 88, 89 . . .	136 and another disfigured.
1092	53.2	·45	1, 20, 57, 88, 89 . . .	136 over another now indistinct.
1093	50.5	R ·55×·5	1, 20, 57, 88, 89 . . .	230 and two stamps disfigured.
1094	47.8	·6×·5	1, 20, 57, 88, 89 . . .	60 and another disfigured.
1095	50.3	A ·55×·45	1, 20, 57, 88, 89 . . .	60, defaced.
1096	47.9	·6×·45	1, 20, 57, 88, 89 . . .	60, defaced.
1097	50.9	·65×·45	1, 20, 57, 88, 89 . . .	60 and another incomplete.
1098	49.9	·7×·45	1, 20, 57, 88, 89 . . .	60 and other stamps disfigured.
1099	50.1	·6×·4	1, 20, 57, 88, 89 . . .	Various small stamps.
1100	52.4	·7×·6	1, 20, 57, 88, 89 . . .	174 and another. Pl.
1101	51.6	·65×·6	1, 20, 57, 88, 89 (one additional stamp).	62 and other disfigured marks.
1102	50.6	·6×·55	1, 20, 57, 88, 89 . . .	141, 152, 266 and other stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1103	49.7	·6×·4	1, 2o, 57, 88, 89 . . .	144.
1104	49.4	R ·7×·65	1, 2o, 57, 88, 89 . . .	144, 147a. Pl.
1105	50	·7×·6	1, 2o, 57, 88, 89 . . .	157 and another.
1106	50.4	·7×·6	1, 2o, 57, 88, 89 . . .	273 and another.
1107	49.8	·75×·6	1, 2o, 57, 88, 89 . . .	218 and other disfigured marks.
1108	49	·7×·6	1, 2o, 57, 88, 89 . . .	One indistinct stamp.
1109	52	·65×·6	1, 2o, 57, 88, 89 . . .	Do.
1110	50.7	A ·7×·4	1, 2o, 57, 88, 89 . . .	One stamp disfigured. Pl.
1111	49.6	·7×·5	1, 2o, 57, 88, 89 . . .	Do. Pl.
1112	51.2	·5×·4	1, 2o, 57, 88, 89 . . .	One tiny indistinct stamp.
1113	50.3	·65×·4	1, 2o, 57, 88, 89 . . .	Two indistinct stamps.
1114	52.6	·45	1, 2o, 57, 88, 89 . . .	Do.
1115	52.7	·65×·55	1, 2o, 57, 88, 89 . . .	245 and another indistinct.
1116	51.2	·6×·5	1, 2o, 57, 88, 89 . . .	Tiny stamps.
1117	50.8	·65×·5	1, 2o, 57, 88, 89 . . .	Disfigured with various stamps.
1118	50.4	·8×·5	1, 2o, 57, 88, 89 . . .	Two small incomplete stamps.
1119	50.7	·65×·45	1, 2o, 57, 88, 89 . . .	Small stamps.
1120	52.5	·6×·4	1, 2o, 57, 88, 89 . . .	One small incomplete stamp.
1121	45.7	·6×·45	1, 2o, 57, 88, 89 . . .	136 and other disfigured marks.
1122	49.3	R ·6×·55	1, 2o, 57, 88, 89 . . .	Three very small stamps.
1123	51.9	·6×·5	1, 2o, 57, 88, 89 . . .	One indistinct stamp.
1124	51.6	A ·6×·4	1, 2o, 57, 88, 89 . . .	Two indistinct stamps.
1125	50.1	·65×·4	1, 2o, 57, 88, 89 . . .	Defaced.
1126	51.9	·55×·5	1, 2o, 57, 88, 89 (3rd symbol indistinct).	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1081	49.8	.5×.4	1, 2o, 57, 88, 89 . . .	135 and two other stamps.
1082	50.1	.55×.5	1, 2o, 57, 88, 89 . . .	135, 283, 239. Pl.
1083	48.6	R .55×.45	1, 2o, 57, 88, 89 . . .	136.
1084	47.2	.6×.5	1, 2o, 57, 88, 89 . . .	136.
1085	49.3	.6×.5	1, 2o, 57, 88, 89 . . .	136.
1086	51	.55×.5	1, 2o, 57, 88, 89 . . .	136.
1087	48.4	.6×.55	1, 2o, 57, 88, 89 . . .	136, 23 and another indistinct.
1088	50	A .55×.5	1, 2o, 57, 88, 89 . . .	136, 260.
1089	48.9	.6×.5	1, 2o, 57, 88, 89 . . .	136, 60, 60 and other stamps.
1090	49.8	.55×.5	1, 2o, 57, 88, 89 . . .	136, 60 and another.
1091	51.1	.6×.4	1, 2o, 57, 88, 89 . . .	136 and another disfigured.
1092	53.2	.45	1, 2o, 57, 88, 89 . . .	136 over another now indistinct.
1093	50.5	R .55×.5	1, 2o, 57, 88, 89 . . .	230 and two stamps disfigured.
1094	47.8	.6×.5	1, 2o, 57, 88, 89 . . .	60 and another disfigured.
1095	50.3	A .55×.45	1, 2o, 57, 88, 89 . . .	60, defaced.
1096	47.9	.6×.45	1, 2o, 57, 88, 89 . . .	60, defaced.
1097	50.9	.65×.45	1, 2o, 57, 88, 89 . . .	60 and another incomplete.
1098	49.9	.7×.45	1, 2o, 57, 88, 89 . . .	60 and other stamps disfigured.
1099	50.1	.6×.4	1, 2o, 57, 88, 89 . . .	Various small stamps.
1100	52.4	.7×.6	1, 2o, 57, 88, 89 . . .	174 and another. Pl.
1101	51.6	.65×.6	1, 2o, 57, 88, 89 (one additional stamp).	62 and other disfigured marks.
1102	50.6	.6×.55	1, 2o, 57, 88, 89 . . .	141, 152, 266 and other stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1103	49.7	.6×.4	1, 20, 57, 88, 89 . . .	144.
1104	49.4	R .7×.65	1, 20, 57, 88, 89 . . .	144, 147a. Pl.
1105	50	.7×.6	1, 20, 57, 88, 89 . . .	157 and another.
1106	50.4	.7×.6	1, 20, 57, 88, 89 . . .	273 and another.
1107	49.8	.75×.6	1, 20, 57, 88, 89 . . .	218 and other disfigured marks.
1108	49	.7×.6	1, 20, 57, 88, 89 . . .	One indistinct stamp.
1109	52	.65×.6	1, 20, 57, 88, 89 . . .	Do.
1110	50.7	A .7×.4	1, 20, 57, 88, 89 . . .	One stamp disfigured. Pl.
1111	49.6	.7×.5	1, 20, 57, 88, 89 . . .	Do. Pl.
1112	51.2	.5×.4	1, 20, 57, 88, 89 . . .	One tiny indistinct stamp.
1113	50.3	.65×.4	1, 20, 57, 88, 89 . . .	Two indistinct stamps.
1114	52.6	.45	1, 20, 57, 88, 89 . . .	Do.
1115	52.7	.65×.55	1, 20, 57, 88, 89 . . .	245 and another indistinct.
1116	51.2	.6×.5	1, 20, 57, 88, 89 . . .	Tiny stamps.
1117	50.8	.65×.5	1, 20, 57, 88, 89 . . .	Disfigured with various stamps.
1118	50.4	.8×.5	1, 20, 57, 88, 89 . . .	Two small incomplete stamps.
1119	50.7	.65×.45	1, 20, 57, 88, 89 . . .	Small stamps.
1120	52.5	.6×.4	1, 20, 57, 88, 89 . . .	One small incomplete stamp.
1121	45.7	.6×.45	1, 20, 57, 88, 89 . . .	136 and other disfigured marks.
1122	49.3	R .6×.55	1, 20, 57, 88, 89 . . .	Three very small stamps.
1123	51.9	.6×.5	1, 20, 57, 88, 89 . . .	One indistinct stamp.
1124	51.6	A .6×.4	1, 20, 57, 88, 89 . . .	Two indistinct stamps.
1125	50.1	.65×.4	1, 20, 57, 88, 89 . . .	Defaced.
1126	51.9	.55×.5	1, 20, 57, 88, 89 (3rd symbol indistinct).	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
1127	49.8	.75×.4	1, 2o, 57, 88, 89 . . .	Defaced.
1128	47.6	.7×.6	1, 2o, 57, 88, 89 . . .	Do.
1129	47	.55×.45	1, 2o, 57, 88, 89 . . .	Do.
1130	45.4	.55×.5	1, 2o, 57, 88, 89 (3rd symbol indistinct).	Do.
1131	51.2	.6×.55	1, 2o, 57, 88, 89 . . .	Do.
1132	48.4	.5	1, 2o, 57, 88, 89 . . .	Do.
1133	48.7	R .7×.65	1, 2o, 57, 88, 89 . . .	Do.
1134	48.7	.65×.55	1, 2o, 57, 88, 89 . . .	Not clear.
1135	47.6	.5	1, 2o, 57, 88, 89 . . .	Do.
1136	50.9	.6×.5	1, 2o, 57, 88, 89 . . .	Do.
1137	51.7	.65×.6	1, 2o, 57, 88, 89 . . .	Do.
1138	52.3	A .55×.45	1, 2o, 57, 88, 89 (3rd symbol indistinct).	Do.
1139	48.4	.7×.45	1, 2o, 57, 88, 89 . . .	Do.
1140	47.5	.5×.45	1, 2o, 57, 88, 89 . . .	Do.
1141	47.8	.65×.4	1, 2o, 57, 88, 89 . . .	Do.
1142	49	.5×.4	1, 2o, 57, 88, 89 . . .	Plain.
<i>Var. c.</i>				
1143	49.5	.6×.5	1, 2o, 57, 87, 89 . . .	144. Pl.
1144	46.8	.7×.55	1, 2o, 57, 87, 89 . . .	144 and two more.
1145	49.8	.6×.5	1, 2o, 57, 87, 89 . . .	279, defaced.
1146	48.9	.65×.55	1, 2o, 57, 87, 89 . . .	Indistinct.
1147	51.7	.65×.55	1, 2o, 57, 87, 89 . . .	278.
1148	47.3	R .7×.6	1, 2o, 57, 87, 89 . . .	139, 144, ?
1149	47.1	.65×.55	1, 2o, 57, 87, 89 . . .	60, ?
1150	48.1	.7×.65	1, 2o, 57, 87, 89 . . .	260 (?)
1151	48.1	A .6	1, 2o, 57, 87, 89 . . .	Defaced.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. c—contd.</i>				
1152	49.4	.7×.6	1, 20, 57, 87, 89 . . .	Defaced.
1153	49	.6×.55	1, 20, 57, 87, 89 . . .	Do.
1154	46.2	.6×.55	1, 20, 57, 87, 89 . . .	Do.
1155	48	.6×.5	1, 20, 57, 87, 89 (3rd symbol indistinct).	Do.
1156	47.5	.7×.4	1, 20, 57, 87, 89 (additional 1)	Do. Pl.
1157	51.5	.7×.55	1, 20, 57, 87, 89 . . .	Not clear.
1158	50.8	.6×.5	1, 20, 57, 87, 89 . . .	Do.
1159	52	.6×.55	1, 20, 57, 87, 89 . . .	Do. Pl.
1160	50.6	.6	1, 20, 57, 87, 89 . . .	Do.
1161	50.5	R .7×.6	1, 20, 57, 87, 89 . . .	Do.
1162	48.3	.65	1, 20, 57, 87, 89 . . .	Do.
<i>Var. d.</i>				
1163	48.7	A .7×.55	1, 20, 57, 67, 89 . . .	152, 23.
1164	47.5	.7×.6	1, 20, 57, 67, 89 . . .	152, 271 and another. Pl.
1165	50.4	.65×.6	1, 20, 57, 67, 89 . . .	152.
1166	51	.7×.45	1, 20, 57, 67, 89 . . .	218, defaced.
1167	46.5	.6	1, 20, 57, 67, 89 . . .	278. Pl.
1168	49.4	.7×.55	1, 20, 57, 67, 89 . . .	203b.
1169	48.2	R .7×.65	1, 20, 57, 67, 89 . . .	67. Pl.
1170	48	.75×.7	1, 20, 57, 67, 89 . . .	Several small stamps.
1171	48.3	.75×.65	1, 20, 57, 67, 89 . . .	157 and two more.
1172	48.6	.75×.6	1, 20, 57, 67, 89 . . .	Three stamps.
1173	49.4	A .65×.6	1, 20, 57, 67, 89 . . .	One indistinct stamp.
1174	51.8	.65×.55	1, 20, 57, 67, 89 . . .	Defaced.
1175	48.6	.65×.6	1, 20, 57, 67, 89 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. d—contd.</i>	
1176	49.7	·7×·6	1, 2o, 57, 67, 89 . . .	Defaced.
1177	51.8	·7×·55	1, 2o, 57, 67, 89 . . .	Do.
1178	49.5	·7×·5	1, 2o, 57, 67, 89 . . .	Stamps disfigured.
1179	50.5	·6×·55	1, 2o, 57, 67, 89 (5th symbol indistinct).	Not clear.
1180	48.1	·6×·5	1, 2o, 57, 67, 89 . . .	Do.
1181	46.8	·6×·5	1, 2o, 57, 67, 89 (3rd symbol indistinct).	Do.
1182	48.4	·6×·5	1, 2o, 57, 67, 89 . . .	Do.
			<i>Var. e.</i>	
1183	48.4	A ·65×·6	1, 2o, 57, 111, 89 . . .	144a.
1184	52.2	·65	1, 2o, 57, 111, 89 . . .	144a.
1185	50.4	R ·7×·65	1, 2o, 57, 111, 89 . . .	144a.
1186	50.6	·7×·65	1, 2o, 57, 111, 89 . . .	144a and another.
1187	50.1	A ·75×·7	1, 2o, 57, 111, 89 . . .	62.
1188	50.9	·65×·6	1, 2o, 57, 111, 89 . . .	62.
1189	50.8	·75×·65	1, 2o, 57, 111, 89 . . .	Pl. 62.
1190	49.4	·75×·6	1, 2o, 57, 111, 89 . . .	62.
1191	49.1	·7×·6.	1, 2o, 57, 111, 89 . . .	Pl. 62 and another defaced.
1192	52.9	·65×·55	1, 2o, 57, 111, 89 . . .	226.
1193	51.7	·7×·6	1, 2o, 57, 111, 89 . . .	260.
1194	51.5	·7×·6	1, 2o, 57, 111, 89 . . .	187, 171.
1195	52.7	R ·75×·65	1, 2o, 57, 111, 89 . . .	Pl. 260.
1196	50.2	·75×·65	1, 2o, 57, 111, 89 . . .	228.
1197	48.2	·8×·65	1, 2o, 57, 111, 89 . . .	156.
1198	51.3	·7×·6.	1, 2o, 57, 111, 89 . . .	Pl. Disfigured.
1199	51.8	·8×·6	1, 2o, 57, 111, 89 . . .	Do.
1200	51.3	·8×·7	1, 2o, 57, 111, 89 . . .	Indistinct.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. e—contd.</i>				
1201	51.5	.7×.65	1, 20, 57, 111, 89 . .	One indistinct stamp.
1202	49.1	A .6	1, 20, 57, 111, 89 . .	?
1203	44.5	.7×.65	1, 20, 57, 111, 89 . .	?
1204	53.2	R .75×.6	1, 20, 57, 111, 89 . .	?
1205	50.9	.7×.6	1, 20, 57, 111, 89 . .	?
1206	50.6	A .8×.5	1, 20, 57, 111, 89 . .	Defaced.
1207	49.8	.7×.65	1, 20, 57, 111, 89 . .	Do.
1208	51.5	R .75×.7	1, 20, 57, 111, 89 . .	Do.
1209	51.6	.75×.65	1, 20, 57, 111, 89 . .	Not clear.
1210	52.8	.7×.6	1, 20, 57, 111, 89 (3rd symbol indistinct).	Do.
1211	49.6	.7	1, 20, 57, 111, 89 . .	Do.
1212	49.7	A .75×.55	1, 20, 57, 111, 89 . .	Do. Pl.
1213	49.5	.7×.5	1, 20, 57, 111, 89 . .	Do.
1214	47.7	.65×.55	1, 20, 57, 111, 89 . .	Do.
1215	53.3	.65×.6	1, 20, 57, 111, 89 . .	Do.
<i>Var. f.</i>				
1216	48.8	R .8×.65	1, 20, 57, 27, 89 . .	144 and two more.
1217	50.8	.7×.65	1, 20, 57, 27, 89 . .	279, defaced.
1218	50.7	.7×.6	1, 20, 57, 27, 89 . .	260 and another small stamp.
1219	49.2	A .7×.6	1, 20, 57, 27, 89 . .	203a, 23 (disfigured by another stamp). Pl.
1220	50.4	.7×.6	1, 20, 57, 27, 89 . .	256c and other indistinct stamps.
1221	51.3	R .7×.65	1, 20, 57, 27, 89 (4th symbol indistinct).	Not clear.
1222	49.8	.6	1, 20, 57, 27, 89 . .	Plain. Pl.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. g.</i>	
1223	51.1	.7×.65	1, 2o, 57, 14, 89 . . .	270, ? Pl.
1224	51.7	.85×.65	1, 2o, 57, 14, 89 . . .	Defaced.
1225	50	A .65×.55	1, 2o, 57, 14, 89 . . .	One stamp disfigured. Pl.
			<i>Var. h.</i>	
1226	51.5	R .75×.65	1, 2o, 42, 57, 89 . . .	144a. Pl.
1227	51.7	.75×.6	1, 2o, 42, 57, 89 . . .	144a.
1228	51.7	.7×.55	1, 2o, 42, 57, 89 . . .	144a.
1229	49	.7×.6	1, 2o, 42, 57, 89 . . .	144a.
1230	52.8	.6	1, 2o, 42, 57, 89 . . .	144a.
1231	51.7	A .6×.55	1, 2o, 42, 57, 89 . . .	144a.
1232	52.2	.6×.55	1, 2o, 42, 57, 89 . . .	144a and another.
1233	49.6	.6×.55	1, 2o, 42, 57, 89 . . .	144a do.
1234	50.9	.65×.5	1, 2o, 42, 57, 89 . . .	144a do. Pl.
1235	49.8	.55×.5	1, 2o, 42, 57, 89 . . .	144a disfigured and another.
1236	51.4	.7×.5	1, 2o, 42, 57, 89 . . .	144a and 60.
1237	49.7	R .6	1, 2o, 42, 57, 89 . . .	144a and 60.
1238	50.4	A .7×.6	1, 2o, 42, 57, 89 . . .	144a and 243.
1239	50.3	.6×.55	1, 2o, 42, 57, 89 . . .	144a and other stamps.
1240	51.8	.55×.5	1, 2o, 42, 57, 89 . . .	144a, 146 and another.
1241	51.3	.5	1, 2o, 42, 57, 89 . . .	144a (disfigured) and another.
1242	52	R .6×.5	1, 2o, 42, 57, 89 . . .	144a and another faint mark.
1243	51.7	A .65×.55	1, 2o, 42, 57, 89 . . .	279, 183 and two more.
1244	52.1	.55×.45	1, 2o, 42, 57, 89 . . .	Indistinct.
1245	52.3	.75×.5	1, 2o, 42, 57, 89 . . .	One stamp disfigured.
1246	51.9	.7×.5	1, 2o, 42, 57, 89 . . .	Do.
1247	48.6	R .7×.65	1, 2o, 42, 57, 89 . . .	Do. Pl.
1248	50.5	.6×.45	1, 2o, 42, 57, 89 . . .	Not clear.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. h—contd.</i>	
1249	53	·65×·55	1, 2o, 42, 57, 89 . . .	Not clear.
1250	50·6	·6×·5	1, 2o, 42, 57, 89 . . .	Do.
1251	51·1	·7×·65	1, 2o, 42, 57, 89 . . .	Two stamps.
1252	47·8	·6×·5	1, 2o, 42, 57, 89 . . .	One faint mark.
			<i>Var. i.</i>	
1253	53·1	A ·6×·4	1, 2, 3, 42, 57 . . .	144.
1254	51·9	·55×·4	1, 2, 3, 42, 57 . . .	144.
1255	47·5	·5	1, 2, 3, 42, 57 . . .	144.
1256	54	·55×·45	1, 2, 3, 42, 57 . . .	144.
1257	47·9	·55×·5	1, 2, 3, 42, 57 . . .	144.
1258	53·1	R ·55×·5	1, 2, 3, 42, 57 . . .	144.
1259	53·2	A ·55×·45	1, 2, 3, 42, 57 . . .	144a.
1260	52·1	·6×·4	1, 2, 3, 42, 57 . . .	144a.
1261	53·4	·55×·5	1, 2, 3, 42, 57 . . .	144b.
1262	53·2	·6×·5	1, 2, 3, 42, 57 . . .	144b.
1263	50·1	·75×·55	1, 2, 3, 42, 57 . . .	144b.
1264	51·9	·55×·4	1, 2, 3, 42, 57 . . .	144b.
1265	51·5	·55×·45	1, 2, 3, 42, 57 . . .	144b.
1266	50·3	·6×·5	1, 2, 3, 42, 57 . . .	144b.
1267	52·7	·5	1, 2, 3, 42, 57 . . .	144b.
1268	52·2	·55×·5	1, 2, 3, 42, 57 . . .	144b.
1269	52·3	·6×·4	1, 2, 3, 42, 57 . . .	144b.
1270	54	·5×·4	1, 2, 3, 42, 57 . . .	144b.
1271	53·3	·5×·45	1, 2, 3, 42, 57 . . .	144b.
1272	51·8	·5×·45	1, 2, 3, 42, 57 . . .	144b.
1273	47·5	·5×·4	1, 2, 3, 42, 57 . . .	144b.
1274	52·4	R ·6×·55	1, 2, 3, 42, 57 . . .	144b.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. i—contd.</i>	
1275	50.6	.6×.5	1, 2, 3, 42, 57 . . .	144b.
1276	51.6	.55×.5	1, 2, 3, 42, 57 . . .	144b.
1277	46.8	.55×.45	1, 2, 3, 42, 57 . . .	144b.
1278	53.3	A .5	1, 2, 3, 42, 57 . . .	144b and another.
1279	50.8	.5×.45	1, 2, 3, 42, 57 . . .	144b and 237. Pl.
1280	51.5	.5	1, 2, 3, 42, 57 . . .	144b and another.
1281	52.9	R .6×.45	1, 2, 3, 42, 57 . . .	144b do.
1282	51.9	.65×.55	1, 2, 3, 42, 57 . . .	144b and characters (?) Pl.
1283	51.5	A .55×.5	1, 2, 3, 42, 57 . . .	144b and two more.
1284	51.9	.55	1, 2, 3, 42, 57 . . .	144b do. Pl.
1285	47.8	.45	1, 2, 3, 42, 57 . . .	144b do.
1286	53.3	.6×.4	1, 2, 3, 42, 57 . . .	144b do.
1287	52.3	.5×.45	1, 2, 3, 42, 57 . . .	144b do.
1288	48.2	.45	1, 2, 3, 42, 57 . . .	144b do.
1289	52.7	.5×.45	1, 2, 3, 42, 57 . . .	144 and 203.
1290	52.8	.5	1, 2, 3, 42, 57 . . .	144c and 188. Pl.
1291	51.7	.45	1, 2, 3, 42, 57 . . .	Disfigured.
1292	48.6	.6×.5	1, 2, 3, 42, 57 . . .	Do.
1293	53	.55×.5	1, 2, 3, 42, 57 . . .	Not clear.
1294	49.7	R .6×.5	1, 2, 3, 42, 57 . . .	Do.
1295	52.4	.55×.5	1, 2, 3, 42, 57 . . .	Do.

## GROUP XII.

This group is connected with other groups by the symbols 1, 42, 27 and 23 and by the reverse stamp 144. *Var. a* agrees with B.M.C., *var. c*, p. 52, the six-armed symbol of the latter being 2s and not 2 as described. A taurine within an oval area is distinctly visible in pl. XLII, 22. *Var. b* corresponds with B.M.C., *var. d.*, p. 52, where symbol 27 is not visible in full and the six-armed symbol which has got a dumb-bell in oval must be 2s. It is also almost similar to N.S.,

No. 23, pl. 11. Var. *c* corresponds with B.M.C., var. *e*, p. 53 and N.S., No. 22, pl. 11 but in B.M.C., the six-armed symbol has been described as 2a but as 2s has also a taurine-in-oval the B.M.C., symbol may be 2s. Photos do not show it clearly. The six-armed symbol in the N.S. var. has been illustrated as 2i but the photo does not show the symbol in full. Var. *d* replaces symbol 42 of *c* by 67 and the six-armed symbol is not clear in any of the two coins belonging to this var. Var. *e* is not found in B.M.C. It agrees with N.S., No. 39, pl. 12. Symbol 64 has been wrongly illustrated in N.S., as an elephant standing to left. The same is the case with N.S., No. 40, pl. 12. Var. *f* corresponds to B.M.C., var. *b*, p. 55 and N.S., No. 40, pl. 12. B.M.C., pl. V, 24 shows the taurine of symbol 64. This taurine may be studied from coins 1335, 1338 and 1342. Symbol 73 which has been wrongly shown in B.M.C., may be studied from coins 1297, 1304 and 1308.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
1296	49.3	A .65×.6	1, 2s, 23, 73, 8 . . .	144 b.
1297	52.1	.65×.5	1, 2s, 23, 73, 8 . . .	62. Pl.
1298	51.8	.7×.65	1, 2s, 23, 73, 8 . . .	One tiny mark. Pl.
1299	49.7	.7×.65	1, 2s, 23, 73, 8 . . .	212 and another.
1300	50.5	R .7×.6	1, 2s, 23, 73, 8 . . .	266, not clear.
1301	52.5	.75×.65	1, 2s, 23, 73, 8 . . .	One stamp.
1302	50.4	A .7×.65	1, 2s, 23, 73, 8 . . .	Several small punches.
1303	46.9	.7×.55	1, 2s, 23, 73, 8 . . .	Defaced.
1304	51.3	.7×.6	1, 2s, 23, 73, 8 . . .	Do. Pl.
1305	51.2	.65×.6	1, 2s, 23, 73, 8 . . .	Do.
<i>Var. b.</i>				
1306	48.7	.6×.55	1, 2s, 27, 73, 8 . . .	144 and another indistinct. Pl.
1307	50.6	.7×.6	1, 2s, 27, 73, 8 . . .	144 and two more.
1308	48.8	.8×.6	1, 2s, 27, 73, 8 . . .	144a, 203, 192 and other stamps. Pl.
1309	51.1	R .7	1, 2s, 27, 73, 8 . . .	148, 268, defaced. Pl.
1310	51.2	A .7×.65	1, 2s, 27, 73, 8 . . .	60 and 142b. Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. b—contd.</i>				
1311	52	·75×·55	1, 2s, 27, 73, 8 . . .	154 and 163. Pl.
1312	50·9	·6	1, 2s, 27, 73, 8 . . .	One incomplete stamp.
1313	49	·65	1, 2s, 27, 73, 8 . . .	203, 212 and 260.
1314	48·4	·7×·6	1, 2s, 27, 73, 8 . . .	62.
1315	50·5	·7×·65	1, 2s, 27, 73, 8 . . .	Two tiny stamps. Pl.
1316	50·8	R ·85×·65	1, 2s, 27, 73, 8 . . .	236 and another.
1317	49·7	A ·75×·5	1, 2s, 27, 73, 8 . . .	Two indistinct stamps.
1318	47·9	·75×·55	1, 2s, 27, 73, 8 . . .	One indistinct stamp.
1319	50	·7×·65	1, 2s, 27, 73, 8 . . .	Two stamps.
<i>Var. c.</i>				
1320	51·6	R ·7×·6	1, 2s, 42, 73, 8 . . .	144 (disfigured) and two more. Pl.
1321	46·5	·75×·7	1, 2s, 42, 73, 8 . . .	23 and another. Pl.
1322	52·4	A ·7×·5	1, 2s, 42, 73, 8 . . .	Various including. 268 Pl.
1323	49·6	·65×·6	1, 2s, 42, 73, 8 . . .	Various.
1324	51·6	·65×·5	1, 2s, 42, 73, 8 . . .	One indistinct stamp.
1325	51·5	·7×·5	1, 2s, 42, 73, 8 . . .	Three marks.
1326	49·8	·6×·5	1, 2s, 42, 73, 8 . . .	Not clear.
<i>Var. d.</i>				
1327	52·4	·75×·4	1, 2?, 67, 73, 8 . . .	Not clear.
1328	48·6	·7×·55	1, 2?, 67, 73, 8 . . .	Several stamps.
<i>Var. e.</i>				
1329	51·6	·55×·4	1, 2q, 23, 64, 130 . . .	144 and 271. Pl.
1330	50·6	·8×·45	1, 2q, 23, 64, 130 . . .	224 and another. Pl.
1331	49·8	·7×·6	1, 2q, 23, 64, 130 . . .	Not clear.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. f.</i>	
1332	49.2	A .6×.5	1, 2q, 27, 64, 130 . .	144 and 242a.
1333	49.3	.7×.5	1, 2q, 27, 64, 130 . .	144, defaced.
1334	50.6	.7×.5	1, 2q, 27, 64, 130 . .	144 disfigured and two more.
1335	50.4	.7×.5	1, 2q, 27, 64, 130 . .	62 and another. Pl.
1336	49.8	.6×.5	1, 2q, 27, 64, 130 . .	62 and another.
1337	52	.65×.5	1, 2q, 27, 64, 130 . .	23 and two more.
1338	50	.75×.55	1, 2q, 27, 64, 130 . .	270 and another tiny. Pl.
1339	48.3	.6×.55	1, 2q, 27, 64, 130 . .	60 and another small stamp.
1340	49.6	.6×.55	1, 2q, 27, 64, 130 . .	60 (disfigured) and other disfigured stamps.
1341	50.2	.7×.5	1, 2q, 27, 64, 130 . .	60, not clear.
1342	50.5	R .65	1, 2q, 27, 64, 130 . .	180, disfigured. Pl.
1343	51.1	.6×.55	1, 2q, 27, 64, 130 . .	251, disfigured.
1344	50.9	A .7×.5	1, 2q, 27, 64, 130 . .	One very small stamp.
1345	50	.7×.5	1, 2q, 27, 64, 130 (5th symbol not traceable. In spite of space symbols have been punched one above another.)	One stamp disfigured.
1346	49.6	.65×.5	1, 2q, 27, 64, 130 . .	Three indistinct stamps. Pl.
1347	51.1	R .7×.6	1, 2q, 27, 64, 130 . .	Disfigured.
1348	48.2	.65	1, 2q, 27, 64, 130 . .	Do.
1349	50.2	.65×.6	1, 2q, 27, 64, 130 . .	Do.
1350	46.4	A .7×.4	1, 2q, 27, 64, 130 . .	Do. Pl.
1351	48.5	.8×.5	1, 2q, 27, 64, 130 . .	Not clear.
1352	48.9	.75×.45	1, 2q, 27, 64, 130 . .	Do.

## MISCELLANEOUS.

The coins 1353 to 1361 have been described separately. Though they belong to this class through the symbols 1, 2, 3, 23 and 42, they can neither be conveniently grouped with other groups nor put together to form a new group. Coin 1353 has got a totally new symbol 44—an elephant standing on a hill. Symbol 49 which occurs on coin 1354 is different from symbol 11. The animal seems to be a different one. Coins 1355-57 show a horse not found on any coins described up till now. Symbol 120 on coin 1355 is a warrior holding a circular shield. Coins 1358 and 1359 also show a horse of different type, only the hind part of which is visible on the coins. The human figure, 118, is of a new type. Coin 1356 appears to be re-struck.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Miscellaneous.</i>	
1353	50.8	A .6×.4	1, 2, 3, 44, ? . . .	62, 60 (?). Pl.
1354	52.9	.5	1, 2, 3, 49, ? . . .	Indistinct. Pl.
1355	51.7	.5	1, 2, 53, 120, ? . . .	Indistinct. Pl.
1356	50.4	.6×.4	1, 2d, 42, 53, ? . . .	Two tiny stamps. Pl.
			<i>Additional 2 ?</i>	
1357	50.9	R .6×.5	1, 2d, 42, 53, ? . . .	Stamps disfigured.
1358	49.4	A .6×.5	1, 2, 59, 118, 42 . . .	Three indistinct stamps. Pl.
1359	51	.7×.4	1, 2, 59, 118, 42 . . .	Obscure stamps. Pl.
1360	51	R .7×.6	1, 2a, 122, ?, ? . . .	203. Pl
1361	50.8	.7×.6	1, 2y, 23, 107, 123 (?) . . .	144. Pl.

## CLASS III.

## GROUP I.

There are eight varieties in this group. The characteristic obverse symbols of this group are 35 and 123. Var. *a* corresponds with B.M.C., var. *a*, p. 60 and N.S., No. 14, pl. 10. Out of 9 coins 6 have got additional stamps on the obverse, which belong properly to the reverse side but have been punched on the obverse in some cases for want of space on the reverse side and in others, through oversight. Vars. *b* and *c* are connected with *a* by three symbols, differing from one another in respect of the second and fifth symbols. The second or the six-armed symbol of each of them is of different form. Var. *b* agrees with B.M.C., var. *c*, p. 62 and N.S., No. 15, pl. 10. The six-armed symbol of this var. is composed of two triangles, two taurines and two arrows. This form agrees exactly with that given in N.S. But it has been differently drawn in the text of B.M.C. As far as can be seen from pl. VIII, 15 it appears to be 2u. Var. *c* is exactly similar to B.M.C., var. *d*, p. 62 and N.S., No. 13, pl. 10. Vars. *d* and *e* are connected with *b* by the first and the fifth symbols. Of var. *d* we have one coin only in our collection. As the third symbol is partly visible and the fourth symbol is indistinct, they could not be made out. Var. *e* is the same as N.S., No. 9, pl. 9. Var. *f* is linked with var. *e* by the symbols 1 and 36. Here the six-armed symbol is different and may be studied from coins 1562-63 and 1670. The fifth symbol is not clear. Var. *g* has the first and fifth symbols in common with *f*. Its six-armed symbol is similar to that of *e*. It corresponds with B.M.C., var. *g*, p. 63. The fifth symbol of B.M.C., is not drawn correctly. At the top of the hill there is a taurine instead of a circle, as can be seen in coin 1378. This has also been pointed out by Mr. Walsh, *vide* J.R.A.S., 1938, p. 28. Var. *h* replaces only symbol 21 of *g* by 42 and agrees exactly with B.M.C., var. *h*, p. 63, where, too, the symbol 9 has been wrongly shown.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
1362	45.1	A .85×.75	1, 2a <sup>1</sup> , 35, 123, 42 . .	144, 189, 190, 147 and two more. Pl.
1363	50.6	.8×.7	1, 2a <sup>1</sup> , 35, 123, 42 . . two additional stamps.	Various stamps including 144. Pl.
1364	48.9	.7×.6	1, 2a <sup>1</sup> , 35, 123, 42 indistinct additional stamp.	270 (over another).
1365	50.4	.75×.7	1, 2a <sup>1</sup> , 35, 123, 42 additional 146.	144a and other stamps.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a—contd.</i>	
1366	45.3	.7×.6	1, 2a <sup>1</sup> , 35, 123, 42 additional 146.	Various including 191. Pl.
1367	49.8	R .8×.75	1, 2a <sup>1</sup> , 35, 123, 42 . .	Various including 147a, 281, 150. Pl.
1368	49.9	.85×.75	1, 2a <sup>1</sup> , 35, 123, 42 . .	60, 260 and two more.
1369	46	.8×.75	1, 2a <sup>1</sup> , 35, 123, 42 additional 283 and another.	Various.
1370	48.8	.8	1, 2a <sup>1</sup> , 35, 123, 42 four additional stamps.	Do.
1371	48.1	A .7×.65	1, 2a <sup>1</sup> , 35, 123, 42 indistinct additional stamp.	Do. including 246.
			<i>Var. b.</i>	..
1372	46.2	.85×.75	1, 2u, 35, 123, 20 additional 85 and 249a.	Defaced. Pl.
			<i>Var. c.</i>	
1373	48.3	.8×.6	1, 2r, 35, 123, 62 two additional stamps.	260 and another. Pl.
1374	47.6	.75×.65	1, 2r, 35, 123, 62 . . two additional stamps.	Various including 155. Pl.
			<i>Var. d.</i>	
1375	52.4	.8×.6	1, 2a, 19, ?, 20 . . .	144c. Pl.
			<i>Var. e.</i>	
1376	48.9	R .8×.7	1, 2b, 36, 47, 20 . . .	167 and other stamps. Pl.
			<i>Var. f.</i>	
1377	48.3	.75×.7	1, 2j, 36, 21, ? one additional stamp.	Two stamps. Pl.
			<i>Var. g.</i>	
1378	48.2	A .8×.55	1, 2b, 66, 9, 21 . . .	144, 60, 209 and two more. Pl.
1379	47	.65×.55	1, 2b, 66, 9, 21 . . .	Various including 224.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. h.</i>	
1380	49.3	A .75×.5	1, 2b, 42, 66, 9 . . .	144a, 176 and another. Pl.
1381	45.3	R .75×.7	1, 2b, 42, 66, 9 additional 240a.	144 and other stamps.
1382	45	.75	1, 2b, 42, 66, 9 . . .	240 and other stamps. Pl.
1383	51.1	A .7×.55	1, 2b, 42, 66, 9 . . .	147a over another, 276 and another. Pl.
1384	51.1	.8×.5	1, 2b, 42, 66, 9 . . .	262 and two more. Pl.
1385	50.6	.75×.5	1, 2b, 42, 66, 9 . . .	141, 207 and two more.
1386	49.5	R .75×.65	1, 2b, 42, 66, 9 . . .	Various.
1387	48.6	.8×.65	1, 2b, 42, 66, 9 . . .	Tiny stamps.
1388	51.5	.8×.7	1, 2b, 42, 66, 9 . . .	Defaced.

## GROUP II.

This group consists of five varieties each of which has the characteristic symbol 12 and is connected with group I by the common symbols 1, 2a, 62, 66, 42 and 21, which occur in different varieties of both the groups. *Var. a* corresponds with B. M. C., var. *a*, p. 64; a comparison of B. M. C., pl. X, 19 with plates X, 20 and X, 21 will readily show in coin 19 a rectangular object upon the hill. This rectangular object is nothing but the bull and is not found in coins 20 and 21. Coins 1391, 1395 and 1414 of our collection may be examined for a full illustration of this symbol—a bull upon a hill. This discrepancy has been noticed also by Mr. Walsh (J. R. A. S., 1938, p. 27). This var. is not found in N. S. *Var. b* substitutes 42 in place of 62 of *a* and is the same as N. S., No. 45, pl. 13. B. M. C., var. *e*, p. 65 contains symbol 12 and not 36, as pointed out also by Mr. Walsh (J. R. A. S., 1937, p. 617) and hence is the same as the present var. *Var. c* replaces symbol 62 of *a* by 110. It has been figured in N. S., No. 46, pl. 13 and is most likely the same as B. M. C., vars. *b* and *d*, p. 64 which unfortunately cannot be compared for want of illustration. *Var. d* has symbol 21 in place of 62 of *a* and occurs in N. S., No. 47, pl. 13. It also occurs in B. M. C., var. *f*, p. 63 and pl. VIII, 4, where symbol 12 has been wrongly read as 35. *Var. e* is a new one not described anywhere. The third symbol of it is not clear. There being only one specimen it could not be clearly deciphered. It is to be

noted here that besides other stamps many coins of the vars. *a* to *d* have got on the reverse the well known stamps 144, 144a and 144c.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
1389	50.6	A .75×.55	1, 2a, 62, 66, 12 . . .	144c, 242a and another. Pl.
1390	49.5	.85×.6	1, 2a, 62, 66, 12 . . .	62 and other stamps.
1391	51.6	R .75×.7	1, 2a, 62, 66, 12 . . .	245, 231 and two more. Pl.
1392	51.8	.85×.75	1, 2a, 62, 66, 12 . . .	Not clear.
<i>Var. b.</i>				
1393	51.8	A .7×.65	1, 2a, 42, 66, 12 . . .	144, 275, 153 and other stamps. Pl.
1394	48.8	.8×.6	1, 2a, 42, 66, 12 . . .	144 and other stamps.
1395	49.6	.7×.65	1, 2a, 42, 66, 12 . . .	144a and three more. Pl.
1396	48.9	R .85×.8	1, 2a, 42, 66, 12 . . .	144 and other stamps.
1397	50.6	.75×.7	1, 2a, 42, 66, 12 . . .	62 and another.
1398	49.9	A .75×.65	1, 2a, 42, 66, 12 . . .	Various including 62.
1399	51.8	.65×.6	1, 2a, 42, 66, 12 . . .	276 and another disfigured.
1400	51.8	.8×.65	1, 2a, 42, 66, 12 . . .	207 and one more. Pl.
1401	52.3	.7×.55	1, 2a, 42, 66, 12 . . .	238, 270 and two more. Pl.
1402	49.8	R .85×.7	1, 2a, 42, 66, 12 . . .	Various including 270.
1403	52	A .8×.4	1, 2a, 42, 66, 12 . . .	Various including 147a.
1404	48.3	R .75×.7	1, 2a, 42, 66, 12 . . .	Various including 230.
1405	50.1	A .75×.5	1, 2a, 42, 66, 12 . . .	Various.
1406	49.3	.7×.6	1, 2a, 42, 66, 12 one additional stamp.	Various including 264.
1407	49.3	.65×.55	1, 2a, 42, 66, 12 . . .	Various including 60.
1408	49.8	.7×.6	1, 2a, 42, 66, 12 . . .	Various.
1409	52.5	.7×.4	1, 2a, 42, 66, 12 . . .	Do.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1410	50	R .8×.6	1, 2a, 42, 66, 12 . . .	Various.
1411	49.8	A .7×.6	1, 2a, 42, 66, 12 . . .	Do.
1412	48.8	.8×.5	1, 2a, 42, 66, 12 . . .	Do.
1413	52.4	.7×.6	1, 2a, 42, 66, 12 . . .	Do.
			<i>Var. c.</i>	
1414	52	R .75	1, 2a, 110, 66, 12 . . .	144c, 213 and two more. Pl.
1415	46.5	.8×.7	1, 2a, 110, 66, 12 . . .	144a, 207 and other stamps.
1416	51	.8×.7	1, 2a, 110, 66, 12 . . .	Two stamps. Pl.
1417	48.2	A .75×.45	1, 2a, 110, 66, 12 . . .	Disfigured.
1418	47.2	R .75×.7	1, 2a, 110, 66, 12 . . .	Defaced.
			<i>Var. d.</i>	
1419	51.2	.75×.65	1, 2a, 21, 66, 12 . . .	Various including 144, 261. Pl.
			<i>Var. e.</i>	
1420	50.6	A .8×.6	1, 2a, 75, 66, 12 . . .	Various including 233 and 237. Pl.

## GROUP III.

The coins described under this group have been treated as belonging to a separate group for the reason that the obverse of them has the regular association of the two symbols 11 and 42. This group consisting of only three varieties has a very large number of coins with diverse reverse stamps including 144, 144b or 144c in each variety. It is connected with the preceding groups by the symbols 1, 2a and 42. *Var. a* corresponds with B. M. C., var. *a*, p. 66, pl. VII, 9 however, showing only a part of the symbol 24. It probably also agrees with N. S., No. 61, pl. 14 in which case the fourth symbol is to be read as 42 and not 36. *Var. b* is the same as B. M. C., var. *c*, p. 66 and N. S., No. 54, pl. 14. Coins 1453 and 1454 have got along with other punches three human

figures as a single stamp on the reverse. The fifth symbol of var. *c* is 106, which has some resemblance to N. S., No. 93, pl. 27 and 174, pl. 24.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
1421	49.7	A .7×.65	1, 2a, 11, 42, 24 . . .	144, 145 and other stamp
1422	50.8	.7×.5	1, 2a, 11, 42, 24 . . .	Various including 60.
1423	48.6	.8×.45	1, 2a, 11, 42, 24 . . .	Various including 62. Pl.
1424	48.4	.7×.5	1, 2a, 11, 42, 24 . . .	201, not clear. Pl.
1425	51	.8×.5	1, 2a, 11, 42, 24 . . .	Not clear.
<i>Var. b.</i>				
1426	51.3	R .8×.75	1, 2a, 11, 42, 36 . . .	144' and another.
1427	51.3	A .7×.5	1, 2a, 11, 42, 36 . . .	144 and 200.
1428	47.5	R .75×.65	1, 2a, 11, 42, 36 . . .	144 and another.
1429	51.9	A .65	1, 2a, 11, 42, 36 . . .	144' and another.
1430	50.5	.75×.5	1, 2a, 11, 42, 36 . . .	144, 192, 232 and another. Pl.
1431	51	.75×.6	1, 2a, 11, 42, 36 . . .	144, 147a, 272 and other stamps.
1432	49.8	.65	1, 2a, 11, 42, 36 . . .	144b.
1433	52.9	.6	1, 2a, 11, 42, 36 . . .	144b and another.
1434	49.5	.75×.55	1, 2a, 11, 42, 36 . . .	144b and two more.
1435	48.1	.75×.55	1, 2a, 11, 42, 36 . . .	144b, 208 and two more. Pl.
1436	51.9	.65×.55	1, 2a, 11, 42, 36 . . .	144b and three more.
1437	51.6	.7×.6	1, 2a, 11, 42, 36 . . .	144b and other stamps.
1438	51.2	.6	1, 2a, 11, 42, 36 . . .	Do.
1439	49.8	.65×.55	1, 2a, 11, 42, 36 . . .	144c.
1440	51.5	.75×.6	1, 2a, 11, 42, 36 . . .	144c and 272.
1441	51	R .75×.7	1, 2a, 11, 42, 36 . . .	60 and two more.
1442	46.7	.8×.75	1, 2a, 11, 42, 36 . . .	60, 224 and another.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1443	50.8	·7×·65	1, 2a, 11, 42, 36 . . .	224.
1444	49	·75×·7	1, 2a, 11, 42, 36 one additional stamp.	227, other stamps disfigured.
1445	47.8	A ·75×·65	1, 2a, 11, 42, 36 . . .	62.
1446	48.8	·7×·6	1, 2a, 11, 42, 36 . . .	62.
1447	50.5	R ·8×·65	1, 2a, 11, 42, 36 . . .	62.
1448	50.2	·85×·75	1, 2a, 11, 42, 36 . additional 261a.	62 and another tiny.
1449	50.2	·75×·7	1, 2a, 11, 42, 36 . . .	62, 204 and two more.
1450	46.2	·8×·6	1, 2a, 11, 42, 36 . . .	193, 279, other stamps disfigured. Pl.
1451	48.9	A ·8×·65	1, 2a, 11, 42, 36 one additional stamp.	279, other stamps disfigured. Pl.
1452	51.5	·75×·45	1, 2a, 11, 42, 36 . . .	Do.
1453	50.3	·8×·65	1, 2a, 11, 42, 36 . . .	141a and two more. Pl.
1454	45.4	·65	1, 2a, 11, 42, 36 . . .	141, 256a and other stamps.
1455	48	·7	1, 2a, 11, 42, 36 . . .	142a, 246, other stamps disfigured. Pl.
1456	48.4	·85×·45	1, 2a, 11, 42, 36 . . .	Various.
1457	50.1	·8×·65	1, 2a, 11, 42, 36 . . .	215 over another and other stamps. Pl.
1458	47.4	R ·85×·7	1, 2a, 11, 42, 36 . . .	216 and three more. Pl.
1459	50.2	·75×·6	1, 2a, 11, 42, 36 . . .	260.
1460	46.9	A ·8×·6	1, 2a, 11, 42, 36 . . .	260 and two more.
1461	48.9	·65	1, 2a, 11, 42, 36 . . .	260, other stamps disfigured.
1462	43.6	·85×·6	1, 2a, 11, 42, 36 . . .	Indistinct stamps.
1463	46.3	·8×·6	1, 2a, 11, 42, 36 . . .	256c and other stamps.
1464	46.1	·7×·6	1, 2a, 11, 42, 36 . . .	256c and another.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1465	48.1	.7×.55	1, 2a, 11, 42, 36 . . .	256b and another.
1466	48.6	.85×.7	1, 2a, 11, 42, 36 . . .	257 and two more. Pl.
1467	44.6	.65×.6	1, 2a, 11, 42, 36 . . .	274, other stamps disfigured.
1468	50.8	.8×.55	1, 2a, 11, 42, 36 . . .	23, 242 and another.
1469	50.3	.7×.6	1, 2a, 11, 42, 36 . . .	Various disfigured.
1470	49.1	.7×.6	1, 2a, 11, 42, 36 . . .	Do.
1471	48.3	R .7×.65	1, 2a, 11, 42, 36 . . .	One tiny.
1472	47.2	.75×.7	1, 2a, 11, 42, 36 . . .	203b, 147 and other stamps.
1473	50.4	.75×.7	1, 2a, 11, 42, 36 . . .	Various.
1474	48.9	A .65	1, 2a, 11, 42, 36 . . .	Four stamps.
1475	49.2	.7×.6	1, 2a, 11, 42, 36 . . .	Three stamps.
1476	50.2	.7×.45	1, 2a, 11, 42, 36 . . .	One incomplete stamp.
1477	49.2	.7×.6	1, 2a, 11, 42, 36 . . .	154 and another indistinct.
1478	51.5	R .75×.65	1, 2a, 11, 42, 36 . . .	222, 220, 271, 263 and another. Pl.
1479	47.6	.7	1, 2a, 11, 42, 36 . . .	198 and three more.
1480	48.3	.7	1, 2a, 11, 42, 36 . . .	149 and three more indistinct.
1481	49.3	A .75×.7	1, 2a, 11, 42, 36 . . .	161 and other indistinct stamps.
1482	51.5	.65×.6	1, 2a, 11, 42, 36 . . .	179 and 165. Pl.
1483	49.3	R .75×.7	1, 2a, 11, 42, 36 . additional 274.	228 and other stamps.
1484	48.5	.75	1, 2a, 11, 42, 36 . . .	224, 208, 249a and two more.
1485	49.3	A .8×.6	1, 2a, 11, 42, 36 . . .	One stamp (disfigured).
1486	50.6	.7×.6	1, 2a, 11, 42, 36 . . .	One indistinct stamp.
1487	49.3	.7×.6	1, 2a, 11, 42, 36 additional 237.	Do.
1488	48.5	R .7×.65	1, 2a, 11, 42, 36 . . .	Do.
1489	46.5	.75×.65	1, 2a, 11, 42, 36 . . .	Two tiny stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1490	49.2	.8×.7	1, 2a, 11, 42, 36 . . .	Two tiny stamps.
1491	52.1	.75×.7	1, 2a, 11, 42, 36 . . .	Three indistinct stamps.
1492	48.4	A .7×.55	1, 2a, 11, 42, 36 . . .	Three tiny stamps.
1493	48.6	.7×.65	1, 2a, 11, 42, 36 . . .	Do.
1494	49.7	.6	1, 2a, 11, 42, 36 . . .	Indistinct stamps.
1495	48.1	.75×.6	1, 2a, 11, 42, 36 . . .	Do.
1496	44.1	.65×.6	1, 2a, 11, 42, 36 . . .	Do.
1497	45.4	R .7	1, 2a, 11, 42, 36 . . .	Do.
1498	52.6	A .7×.6	1, 2a, 11, 42, 36 one additional stamp.	Two indistinct stamps.
1499	47.8	.8×.55	1, 2a, 11, 42, 36 . . .	Do.
1500	49.4	.7×.5	1, 2a, 11, 42, 36 . . .	Do.
1501	49.1	.6	1, 2a, 11, 42, 36 . . .	Three indistinct stamps.
1502	48.9	R .8×.75	1, 2a, 11, 42, 36 . . .	Various.
1503	46.9	.85×.8	1, 2a, 11, 42, 36 . . .	Various including 219. Pl.
1504	48.2	.7×.65	1, 2a, 11, 42, 36 . . .	Various.
1505	51.2	A .7×.6	1, 2a, 11, 42, 36 . . .	Indistinct.
1506	48.6	.65×.6	1, 2a, 11, 42, 36 . . .	Not clear.
1507	48.8	.75×.55	1, 2a, 11, 42, 36 . . .	Do.
1508	50.7	.75×.6	1, 2a, 11, 42, 36 . . .	Do.
1509	51.8	.6×.5	1, 2a, 11, 42, 36 . . .	Do.
1510	47.3	.6	1, 2a, 11, 42, 36 . . .	Do.
1511	49.9	.75×.55	1, 2a, 11, 42, 36 . . .	Do.
1512	52.1	.7×.5	1, 2a, 11, 42, 36 . . .	Do.
1513	49.9	R .7×.65	1, 2a, 11, 42, 36 . . .	Do.
1514	49.2	.8×.7	1, 2a, 11, 42, 36 . . .	Do.
1515	48	.75×.7	1, 2a, 11, 42, 36 . . .	Do.
1516	47.9	.75×.65	1, 2a, 11, 42, 36 . . .	Do.



Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. b—contd.</i>	
1517	47.8	.75×.7	1, 2a, 11, 42, 36 one additional stamp.	Not clear.
1518	47.8	.8×.75	1, 2a, 11, 42, 36 two additional stamps.	Do.
1519	47.4	A .75×.65	1, 2a, 11, 42, 36 . . .	Stamps disfigured.
1520	50.7	.75×.6	1, 2a, 11, 42, 36 . . .	Do.
1521	47	.65×.6	1, 2a, 11, 42, 36 . . .	Defaced.
1522	47	.7	1, 2a, 11, 42, 36 . . .	Do.
1523	46.8	.75×.55	1, 2a, 11, 42, 36 . . .	Do.
1524	50.9	.75×.55	1, 2a, 11, 42, 36 . . .	Do.
1525	52	.7×.6	1, 2a, 11, 42, 36 . . .	Do.
1526	48.5	.65×.6	1, 2a, 11, 42, 36 . . .	Do.
1527	46	R .7	1, 2a, 11, 42, 36 . . .	Do.
1528	48.7	.7×.65	1, 2a, 11, 42, 36 . . .	Do.
1529	50	.7×.65	1, 2a, 11, 42, 36 . . .	Do. and disfigured.
1530	48.8	.7×.6	1, 2a, 11, 42, 36 . . .	Do.
1531	52.2	.8×.65	1, 2a, 11, 42, 36 . . .	Do.
			<i>Var. c.</i>	
1532	49	A .7×.6	1, 2b, 11, 42, 106 additional 95	144, 147 and two more. Pl.
1533	47.3	.6×.5	1, 2b, 11, 42, 106 . . .	144 and two more.
1534	47.6	.8×.6	1, 2b, 11, 42, 106 . . .	Various.

## GROUP IV.

This group has been divided into twelve varieties, each of which is connected with the other by the first four symbols on the obverse and differs from the other only in the fifth symbol. The constant association of the two symbols 11 and 36 in each var. is noteworthy. Var. *b* of the preceding group serves as a link between the two groups as it has the same association of the symbols 11 and 42 as well as 11 and 36, and may be included in any of these groups. But it has been shown as belonging to group III to show the link between the

two groups. Var. *a* may be the same as B. M. C., var. *b*, p. 66 (pl. VIII, 3) where the animal which has been taken as an elephant may be taken as a bull. This type is found in N. S., No. 58, pl. 14. Var. *b* has got 18 as the fifth symbol which differs from 13 in not having the hill below the tree. This difference may be verified by examination of the coin 1547 on which the bottom of the tree is distinctly visible. Of var. *c* have been found only three coins which agree exactly with N. S., No. 62a, pl. 14. This var. is not in B. M. C. Vars. *d* and *e* are practically the same, the only difference being in the six-armed symbol. Var. *d* corresponds with B. M. C., var. *d*, p. 70 and N. S., No. 64, pl. 15. Var. *e* is not found anywhere. Var. *f* corresponds with B. M. C., var. *f*, p. 71 and N. S., No. 56, pl. 14, *g* with B. M. C., *h*, p. 71 and N. S., No. 63, pl. 14, and *h* with B. M. C., *g*, p. 71 and N. S., No. 57, pl. 14. Var. *i* is the same as var. *h* save that its six-armed symbol is composed of two arrows with two taurines in ovals on each side of each. This is a new var. not described anywhere-else. Var. *j* which has got in the fifth place the symbol 87 agrees with B. M. C., var. *a*, p. 73. Through the fifth symbol this var. serves as a connecting link between this group and vars. *a* and *b* of the following group. The third symbol of var. *k* is not distinct but as the var. agrees in other respects with B. M. C., var. *e*, p. 70 and N. S., No. 55, pl. 14, it may be 11. Var. *l* occurs in N. S. as No. 53, pl. 14. But the symbol No. 74 has not been correctly drawn there as can be verified from coins 1610 and 1612. This var. is not found in B. M. C.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
1535	50.9	R. 75 × 65	1, 2a, 11, 36, 23 . . .	144b. Pl.
1536	49.8	. 8 × 7	1, 2a, 11, 36, 23 . . .	144b, defaced.
1537	48.9	A . 7 × 6	1, 2a, 11, 36, 23 . . .	144b.
1538	48.7	. 7 × 6	1, 2a, 11, 36, 23 . . .	144b and another indistinct.
1539	49.8	. 7 × 65	1, 2a, 11, 36, 23 (2nd and 3rd symbols not clear).	225, 269 and three more.
1540	51.7	R. 75 × 65	1, 2a, 11, 36, 23 (additional 251).	Various including 144b, 146. 211. Pl.
1541	49.5	A . 65	1, 2a, 11, 36, 23 (additional 279).	Various.
1542	49.3	R. 75 × 65	1, 2a, 11, 36, 23 . . .	255, 221, 242a Pl.
1543	49.3	A . 7 × 6	1, 2a, 11, 36, 23 . . .	Two stamps

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
1544	49.9	.7	1, 2a, 11, 36, 23 . . .	Three stamps.
1545	49.6	R .8×.7	1, 2a, 11, 36, 23 . . .	Do.
1546	49.3	A .7	1, 2a, 11, 36, 23 . . .	Various. Pl.
<i>Var. b.</i>				
1547	51.4	R .75×.7	1, 2a, 11, 36, 18 . . .	144b and another. Pl.
1548	50.3	.75×.6	1, 2a, 11, 36, 18 . . .	170 over another indistinct..
1549	49.6	A .6	1, 2a, 11, 36, 18 . . .	62, ?
1550	51.8	.7×.5	1, 2a, 11, 36, 18 . . .	192, 279, 199 and other stamps. Pl.
1551	52.3	.75×.7	1, 2a, 11, 36, 18 . . .	157 and another tiny.
1552	49.4	.7	1, 2a, 11, 36, 18 . . .	Various.
<i>Var. c.</i>				
1553	51.3	.75×.5	1, 2a, 11, 36, 79 . . .	178 and other stamps. Pl.
1554	51.9	.7×.5	1, 2a, 11, 36, 79 . . .	144b.
1555	50.2	R .8×.75	1, 2a, 11, 36, 79 . . .	279, 152, 204, 272 and one more. Pl.
<i>Var. d.</i>				
1556	49.6	.95×.65	1, 2a, 11, 36, 62 . . .	144b and three other stamps. Pl.
1557	50.1	.8×.7	1, 2a, 11, 36, 62 . . .	Various including 62.
1558	50.2	.7	1, 2a, 11, 36, 62 (5th symbol not clear) additional 205.	202, 154 and 152. Pl.
1559	48.1	A .7×.55	1, 2a, 11, 36, 62 . . .	203 and another not clear.
1560	50.2	.8×.6	1, 2a, 11, 36, 62 . . .	Two indistinct stamps. Pl.
1561	49.2	.75×.65	1, 2a, 11, 36, 62 . . .	Various.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. e.</i>	
1562	49.6	A .8×.55	1, 2j, 11, 36, 62 additional indistinct.	Two indistinct stamps. Pl.
1563	48	R .8×.7	1, 2j, 11, 36, 62 . . .	Various. Pl.
			<i>Var. f.</i>	
1564	51	A .65×.6	1, 2a, 11, 36, 110 . .	144b and another. Pl.
1565	48.2	.65×.6	1, 2a, 11, 36, 110 . .	147a, 149, 67 and two more.
1566	50.6	.75×.6	1, 2a, 11, 36, 110 . .	197 and other stamps.
1567	51.8	.7×.55	1, 2a, 11, 36, 110 . .	Various.
1568	48.7	.8×.7	1, 2a, 11, 36, 110 . .	Do. Pl.
1569	49.8	R .8×.7	1, 2a, 11, 36, 110 . .	Do including 194. Pl.
			<i>Var. g.</i>	
1570	50.6	.75×.65	1, 2a, 11, 36, 78 . . .	Stamps indistinct. Pl.
			<i>Var. h.</i>	
1571	48	A .75×.6	1, 2a, 11, 36, 124 . .	Various including 144, 234 and 252. Pl.
1572	49.9	.7×.65	1, 2a, 11, 36, 124 . .	144b (partly disfigured) and another stamp.
1573	51.5	.75×.6	1, 2a, 11, 36, 124 . .	173.
1574	50.1	.7	1, 2a, 11, 36, 124 . .	160 and another.
1575	50.2	R .7×.65	1, 2a, 11, 36, 124 (4th symbol indistinct).	235 over another now indistinct.
1576	50.6	.7×.6	1, 2a, 11, 36, 124 . .	279 and other stamps.
1577	51.7	.8×.7	1, 2a, 11, 36, 124 . .	62 (disfigured) and another.
1578	48.9	.8×.7	1, 2a, 11, 36, 124 . .	249, not clear. Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. h—contd.</i>	
1579	52.5	A .8×.55	1, 2a, 11, 36, 124 . .	Three indistinct stamps. Pl.
1580	51	.7	1, 2a, 11, 36, 124 . .	Two indistinct stamps.
1581	49.5	.7	1, 2a, 11, 36, 124 . .	Do.
1582	48.4	R .8×.75	1, 2a, 11, 36, 124 . .	Various including 152.
1583	49.4	.8×.7	1, 2a, 11, 36, 124 . .	Do disfigured.
			<i>Var. i.</i>	
1584	49.4	A .75×.65	1, 2v, 11, 36, 124 . .	Various disfigured. Pl.
			<i>Var. j.</i>	
1585	50.5	.75×.6	1, 2a, 11, 36, 87 . .	144.
1586	50.3	.65×.5	1, 2a, 11, 36, 87 . .	144c and another.
1587	46.6	.75×.65	1, 2a, 11, 36, 87 . .	144, 141.
1588	43.4	R .75×.6	1, 2a, 11, 36, 87 . .	144, 60 and 186.
1589	48.2	.7×.6	1, 2a, 11, 36, 87 . .	135.
1590	46.9	.7×.6	1, 2a, 11, 36, 87 . .	23 and part of another.
1591	47.5	.75	1, 2a, 11, 36, 87 . .	203 and other stamps.
1592	49.9	.8×.75	1, 2a, 11, 36, 87 . .	247 and other stamps. Pl.
1593	52.1	.8×.7	1, 2a, 11, 36, 87 . .	152, defaced. Pl.
1594	45.6	A .7	1, 2a, 11, 36, 87 . .	253, defaced.
1595	50.9	.7×.65	1, 2a, 11, 36, 87 . .	279 and three more.
1596	49.4	.75×.6	1, 2a, 11, 36, 87 . .	227 and other stamps.
1597	46.9	.7×.65	1, 2a, 11, 36, 87 . .	152 and other stamps.
1598	48.1	.65	1, 2a, 11, 36, 87 . .	62 and other stamps.
1599	50.3	.75×.5	1, 2a, 11, 36, 87 . .	62.
1600	50.6	.7×.65	1, 2a, 11, 36, 87 . .	62, ?
1601	48.9	.7×.55	1, 2a, 11, 36, 87 . .	264 and other stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. j—contd.</i>	
1602	49.4	.9×.55	1, 2a, 11, 36, 87 . . .	Various. Pl.
1603	48.7	.7×.5	1, 2a, 11, 36, 87 . . .	217 and other stamps. Pl.
1604	50	.65×.6	1, 2a, 11, 36, 87 . . .	Various.
1605	52.1	.7	1, 2a, 11, 36, 87 . . .	Defaced.
1606	49.6	R .75×.7	1, 2a, 11, 36, 87 . . .	Indistinct.
1607	48.3	.85×.65	1, 2a, 11, 36, 87 additional 240a	?
1608	51.2	.8×.7	1, 2a, 11, 36, 87 . . .	Disfigured.
			<i>Var. k.</i>	
1609	48.1	.65×.6	1, 2a, ?, 36, 67 . . .	62, 279 and other stamps. Pl.
			<i>Var. l.</i>	
1610	49	.8×.7	1, 2a, 11, 36, 74 additional 271	Various. Pl.
1611	48.1	A .75×.7	1, 2a, 11, 36, 74 . . .	274 and other stamps.
1612	52.3	.6	1, 2a, 11, 36, 74 . . .	163 and two more. Pl.
1613	49.9	.7×.5	1, 2a, 11, 36, 74 . . .	Not clear.

## GROUP V.

This group is connected with the two groups immediately preceding it and the one just following it by the first three symbols. The characteristic symbol of this group is 134 which connects all the vars. with one another. Vars. *a* and *b* correspond with B. M. C., vars. *b* and *c*, p. 74. Var. *a* agrees also with N. S., No. 68, pl. 15. Var. *c* replaces symbol 87 of *a* and *b* by 67 and is not found either in B. M. C. or N. S. Var. *d* agrees with N. S., No. 69, pl. 15 and also perhaps with B. M. C., var. *d*, p. 74 where symbol 134 has been illustrated with a taurine on each side of the frog. But in none of our coins these taurines can be traced. As no photograph of the coin is given in B. M. C. the symbol cannot be verified. There is only one coin of var. *e* which replaces 11 by 42 (?) and has an incomplete (?) fifth symbol 82. This var. agrees with B. M. C., var. *h*,

p. 78 but there also the fifth symbol is doubtful. The six-armed symbol is different there, as it consists of six arrows.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
1614	43.9	A .7 × .65	1, 2a, 11, 134, 87 . .	278 and another. Pl.
1615	47.1	.65	1, 2a, 11, 134, 87 . .	Two indistinct stamps.
1616	50.7	.65	1, 2a, 11, 134, 87 (5th symbol indistinct).	Not clear.
<i>Var. b.</i>				
1617	45.8	.7 × .55	1, 2i, 11, 134, 87 . .	144a and another.
1618	45.9	.65 × .6	1, 2i, 11, 134, 87 . .	Indistinct. Pl.
1619	50.6	R .7	1, 2i, 11, 134, 87 (5th symbol indistinct).	Do.
<i>Var. c.</i>				
1620	45.2	A .65	1, 2a, 11, 134, 67 . .	144a. Pl.
1621	47.9	.65 × .5	1, 2a, 11, 134, 67 . .	Two stamps.
1622	48.7	.7 × .65	1, 2a, 11, 134, 67 . .	Indistinct stamps. Pl.
1623	49.6	.55	1, 2a, 11, 134, 67 . .	Defaced.
<i>Var. d.</i>				
1624	47	.7 × .6	1, 2a, 11, 134, 124 . .	279 and other stamps.
1625	48.7	.7 × .55	1, 2a, 11, 134, 124 . .	Indistinct stamps. Pl.
1626	53.4	.7 × .55	1, 2a, 11, 134, 124 . .	Not clear. Pl.
<i>Var. e.</i>				
1627	49.5	R .7 × .6	1, 2a, 42 134, 82 . .	152 and two more.

## GROUP VI.

There are four varieties in this group each of which is connected with the other by four common symbols—1, 2i, 11 and 80. The characteristic symbol of the group is 80. Var. *a* is connected with var. *j* of group IV, and *a* and *b* of group V by four of its common symbols and corresponds with B. M. C., var. *e*, p. 74. Var. *b* replaces symbol 87 of *a* by 67 and most probably corresponds with N. S., No. 141, pl. 21. The fifth symbol in the N. S. coin, though it is not punched clearly, is very likely 80. Again, the six-armed symbol, which has been noted in N. S. as 2a may be also 2i for in the plate the symbol is not clear. Var. *c* is new; the fourth symbol is not clear but it may be 23. Var. *d*. agrees with B. M. C., var. *f*, p. 75.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a.</i>				
1628	47.4	A .75 × .55	1, 2i, 11, 87, 80 . . .	144, 60 and other stamps. Pl.
1629	49.1	.6 × .55	1, 2i, 11, 87, 80 (5th symbol indistinct).	147, 270, 210a and other stamps.
1630	48.6	.65 × .6	1, 2i, 11, 87, 80 (2nd and 3rd symbols not distinct).	141, 60 and another.
1631	51.6	.65 × .6	1, 2i, 11, 87, 80 . . .	Not clear.
1632	45	.75 × .5	1, 2i, 11, 87, 80 . . .	Do. Pl.
1633	48.2	.65	1, 2i, 11, 87, 80 . . .	Do.
<i>Var. b.</i>				
1634	50.1	.6 × .55	1, 2i, 11, 67, 80 . . .	Three indistinct stamps. Pl.
<i>Var. c.</i>				
1635	50.5	.65 × .6	1, 2i, 11, 23 (?), 80 (2nd symbol doubly stamped ?).	253 and another indistinct.
<i>Var. d.</i>				
1636	51	R .75 × .7	1, 2i, 11, 42, 80 . . .	Various including 249a. Pl.
1637	51.5	A .65 × .6	1, 2i, 11, 42, 80 . . .	Various.



## GROUP VII.

This group consisting of nine varieties is connected with the other groups by the symbols 1, 2a, 36, 42 and 62, and is characterised by the symbols 28 and 46. Var. *a* corresponds with B. M. C., vars. *a* and *c*, pp. 76-77. The animal surrounded by taurines (the 4th and 3rd symbol of vars. *a* and *c*) though differently drawn in B. M. C., is the same as 46 as can be verified from pl. VII, 8 and pl. IX, 10. This var. also occurs in N. S. as No. 51, pl. 13. N. S., No. 5, pl. 9 is the same as N. S., No. 51, pl. 13 because the six-armed symbol in the former, as the photograph shows, is 2a instead of 2b. The taurine mark below the face of the animal in N. S. vars. is not found on any coin of B. M. C. or the present collection. Var. *b* is linked with *a* by four symbols. It replaces 46 by an uncertain symbol which could not be seen in full in the single specimen of this var. The incomplete figure would be something like symbol 71. Var. *c* agrees with B. M. C., var. *e*, p. 78 and N. S., No. 7, pl. 9. Var. *d* is not found in B. M. C. but is illustrated in N. S., No. 8, pl. 9. The six-armed symbol of this var. is composed of two blank ovals and four arrows. Var. *e* is connected with var. *c* by the three symbols 1, 2b and 62 and replaces 28 by 36. Here the fourth symbol (47) has not got the taurines around the animal of the symbol 46 of var. *c*. This var. is the same as N. S., No. 10, pl. 9. Var. *f* corresponds with N. S., No. 9, pl. 9. Var. *g* is connected with vars. *c* and *e* by the first and fourth symbols and agrees with B. M. C., var. *j*, p. 81. The exact form of the six-armed symbol is not distinct in B. M. C. photograph (pl. IX, 20), though it has been shown as 2b in the text. It has been drawn in N. S., No. 145, pl. 32 with two arrows, two ovals with taurines and two fishes. Our coin also appears to have similar form of this symbol. The fifth symbol, too, is not visible in full in our specimen. The symbol as far as can be seen looks like an elephant-goat with a smaller indistinct object on each side of it. A somewhat similar symbol has been illustrated in N. S., No. 145, pl. 32 where, however, it is found in association with symbol 21 in place of 62. The elephant-goat like object is visible in B. M. C., pl. IX, 20 but the lower part of the symbol is off the coin. This symbol also occurs on a coin of Bhir Mound (see—J. R. A. S., 1938, p. 31) where a taurine below the symbol has been found. Var. *h* has the three symbols 1, 22 and 62 in common with *g*. The fifth symbol and the six-armed symbol are not clear. var. *i* is closely related to var. *c* by its first four symbols. It replaces 62 of *c* by 26, and appears to be a new variety.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
1638	47.3	A .8×.7	1, 2a, 42, 46, 28 . . .	Various including 60 over another.
1639	46	R .8×.7	1, 2a, 42, 46, 28 additional indistinct.	152 and other stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
<i>Var. a—contd.</i>				
1640	48.4	A .85 × .5	1, 2a, 42, 46, 28 . . .	Several small stamps.
1641	46.8	.8 × .6	1, 2a, 42, 46, 28 additional indistinct.	Various.
1642	51.4	.85 × .5	1, 2a, 42, 46, 28 . . .	Several stamps, all disfigured. Pl.
1643	49.5	R .85	1, 2a, 42, 46, 28 additional 149 and another small indistinct.	Defaced.
1644	44.8	.8	1, 2a, 42, 46, 28 additional 279	279, defaced.
1645	49	.8 × .7	1, 2a, 42, 46, 28 . . .	173, 149 and another.
1646	48.5	A .85 × .5	1, 2a, 42, 46, 28 . . .	151 and other stamps. Pl.
<i>Var. b.</i>				
1647	47.1	.8 × .5	1, 2a, 42, 71, 28 . . .	Various including 144a and 147b. Pl.
<i>Var. c.</i>				
1648	48.4	R .8 × .7	1, 2b, 46, 28, 62 . . .	Various.
1649	49.2	.8 × .75	1, 2b, 46, 28, 62 one additional stamp.	251, others disfigured.
1650	38.5	A .7 × .6	1, 2b, 46, 28, 62 . . .	172, defaced.
1651	51.2	.85 × .75	1, 2b, 46, 28, 62 (3rd symbol not clear) one additional stamp.	Various including 276, 1, 2 (?). Pl.
1652	48.4	R .9 × .85	1, 2b, 46, 28, 62 additional 280	Indistinct stamps. Pl.
<i>Var. d.</i>				
1653	45.4	.85 × .75	1, 2 v, 46, 28, 127 three additional stamps.	60, 267 and other stamps. Pl.
1654	49.4	.85 × .75	1, 2w, 46, 28, 127 one additional stamp.	244 and other stamps Pl.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. e.</i>	
1655	47.5	A .7×.6	1, 2b, 36, 47, 62 . . .	Various including 203a. Pl.
			<i>Var. f.</i>	
1656	44.6	R .85×.75	1, 2b, 36, 47, 20 . . .	173, 254 and two more. Pl.
			<i>Var. g.</i>	
1657	48.8	.8×.7	1, 2p, 22, 62, 101 . . .	Various including 144. Pl.
			<i>Var. h.</i>	
1658	48.2	A .7×.6	1, 2 ?, 22, 62, ? . . .	Not clear. Pl.
			<i>Var. i.</i>	
1659	49.4	.85×.55	1, 2b, 46, 28, 26 . . .	Various. Pl.

## GROUP VIII.

This group is connected with the other groups of this class by the symbols 42 and 36. The characteristic symbol of this group is 13. There are nine varieties in this group of which *a* corresponds with B. M. C., var. *a*, p. 79 and N. S., No. 34, pl. 12, and *b* with B. M. C., var. *b*, p. 79 and N. S., No. 32, pl. 12. Var. *c* is quite new. It is connected with *b* by the symbols 1 and 62. The six-armed symbol is also new. It has two fishes facing opposite directions in a straight line and having two arrows on each side. The fourth symbol 129 has a fish (?) flanked by a taurine on each side. The fifth symbol is not impressed in full. Only an arc of a circle with two dots outside it is visible. Var. *d* links itself with *a* and *b* by four symbols and has a big fish (symbol 127) in the fourth place. It agrees with B. M. C., var. *c*, p. 80 and N. S., No. 33, pl. 12. The fourth symbol of var. *e* looks like a cow standing to left. There is no hump. The six-armed symbol is composed of three arrows and three fishes arranged alternately. Var. *f* is connected with *a* by its first three symbols. Although this var. has not got the characteristic symbol of the group it is very closely linked with the other varieties by its having the first four symbols in common with the B. M. C., var. *e*, p. 80 which has the association of the symbols 13 and 77. The symbol 13 of the B. M. C., var. has been replaced here by the

symbol 131 which is again found in the association of other symbols to form a different variety (*vide* N. S., No. 20, pl. 10). Symbol No. 77 has not been correctly drawn in B. M. C. It may be studied from coins 1686-87. Var. *g* is connected with *f* by the symbols 1, 77 and 131 and has got symbol 127 in common with var. *d*. Here the six-armed symbol is not clear in any of the coins. Var. *h* is connected with *f* by the characteristic symbol 13 and has been illustrated in N. S., No. 37, pl. 12. Here the six-armed symbol is composed of two arrows each flanked on each side by two cylindrical objects. B. M. C. illustrates another var. (var. *c*, p. 82) almost similar to this except that its fifth symbol is a scorpion and that the six-armed symbol is 2j which, of course, is not clear in the photograph (pl. X, 21). In N. S. occurs another var. (No. 147, pl. 32) which replaces 13 by a curious symbol. The symbol 13 is not clear in our coin or in that of N. S. The hill below the tree most probably could not be stamped for want of space. But that it is to be regarded as 13 may be ascertained from the fact that coin 1671 of var. *a* has a tree of this type and another coin No. 1667 belonging to the same var. has the symbol marked in full. Var. *i* corresponds exactly with B. M. C., var. *e*, p. 83 and N. S., No. 1, pl. 9. Coin No. 1694 has got a very peculiar additional mark on the obverse and on No. 1695 the six-armed symbol is impressed twice.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a.</i>	
1660	49.3	A .7×.5	1, 2j, 42, 36, 13 . . .	Various including 144a.
1661	50.1	.65×.6	1, 2j, 42, 36, 13 . . .	144a and another. Pl.
1662	46.7	.8×.65	1, 2j, 42, 36, 13 (3rd symbol not clear) additional 165 and another.	144a and four more.
1663	49.9	.8×.6	1, 2j, 42, 36, 13 . . .	166 (twice) and other stamps Pl.
1664	49	.75×.5	1, 2j, 42, 36, 13 additional 203	Various including 144a.
1665	47.8	.8×.6	1, 2j, 42, 36, 13 additional 144a and two more indistinct.	234, 277, other stamps not clear.
1666	50.1	.7×.6	1, 2j, 42, 36, 13 (4th symbol indistinct) additional 277 and another.	Various including 224.
1667	51	.75×.4	1, 2j, 42, 36, 13 . . .	Four stamps. Pl.
1668	50.4	.85×.55	1, 2j, 42, 36, 13 one additional stamp.	214, 203a and other stamps.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
			<i>Var. a—contd.</i>	
1669	49.7	.8×.5	1, 2j, 42, 36, 13 . . .	258 and another.
1670	50	.65	1, 2j, 42, 36, 13 . . .	Disfigured. Pl.
1671	50.9	.8×.55	1, 2j, 42, 36, 13 additional 203b	203b and other stamps. Pl.
1672	49.7	R .75×.65	1, 2j, 42, 36, 13 additional 200 and another.	Various including 282. Pl.
1673	48.1	.8×.75	1, 2j, 42, 36, 13 one additional stamp.	279a and other stamps.
1674	48	.8×.75	1, 2j, 42, 36, 13 two additional stamps.	277 and other stamps.
			<i>Var. b.</i>	
1675	48.6	.75	1, 2j, 62, 36, 13 . . .	144 and other stamps. Pl.
1676	50.6	A .75×.5	1, 2j, 62, 36, 13 two additional stamps.	Various including 147a.
1677	49.2	.7×.5	1, 2j, 62, 36, 13 . . .	Indistinct stamps.
1678	49.2	.7×.45	1, 2j, 62, 36, 13 . . .	Defaced.
			<i>Var. c.</i>	
1679	46.8	.7×.6	1, 2z, 62, 129, ? additional 266 and 203b (?).	144b over another and ano- ther. Pl.
			<i>Var. d.</i>	
1680	48.3	.7×.5	1, 2j, 36, 127, 13 . . .	278, 180 and two more. Pl.
1681	45.3	.7×.5	1, 2j, 36, 127, 13 . . .	62 and another. Pl.
1682	44.4	R .8×.75	1, 2j, 36, 127, 13 (4th symbol indistinct).	Various.
1683	49.6	.7×.65	1, 2j, 36, 127, 13 . . .	Not clear.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
1684	49.3	A.75×.5	<i>Var. e.</i> 1, 2g, 36, 36a, 13 . .	144, 60, 192 and other stamps. Pl.
1685	49.2	.75×.65	<i>Var. f.</i> 1, 2j, 42, 77, 131 additional 146.	144a, 271 and other stamps. Pl.
1686	47.9	.8×.6	<i>Var. g.</i> 1, 2i, 127, 77, 131 additional 103 and another.	251, 180, 181 and other stamps. Pl.
1687	46.1	.8×.6	1, 2i, 127, 77, 131 (3rd symbol not clear) additional 206 and another.	144b, 151a, 158 and other stamps. Pl.
1688	48.9	R .8×.7	<i>Var. h.</i> 1, 2x, 6, 91, 13 (?) . .	253 and another tiny. Pl.
1689	49.9	.75×.7	<i>Var. i.</i> 1, 2b, 6, 125, 128 two additional stamps.	144a, 221 and other stamps. Pl.
1690	49.4	.75×.65	1, 2b, 6, 125, 128 . .	144a and other stamps.
1691	48.8	A .7×.55	1, 2b, 6, 125, 128 additional indistinct.	270 and other stamps.
1692	47.4	.8×.55	1, 2b, 6, 125, 128 . .	Stamps disfigured.
1693	45.2	R .8×.7	1, 2b, 6, 125, 128 additional 60	Indistinct stamps.
1694	48	.75×.7	1, 2b, 6, 125, 128 additional 103.	Do. Pl.
1695	49.7	A.75×.55	1, 2b, 6, 125, 128 (2nd symbol stamped twice).	Not clear. Pl.

## GROUP IX.

This group consisting of only four coins has been divided into two varieties. It agrees with B. M. C., Group VIII, p. 84. Var. *a* has got 83 and *b*, 13, as fourth symbols. In var. *b* the exact form of the six-armed symbol is not discernible. The fourth symbol of var. *b* connects this group with the preceding one.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
1696	50.4	A .5	<i>Var. a.</i>	
			1, 2, 67, 83, 84 . . .	67. Pl.
1697	52.4	R .7×.55	<i>Var. b.</i>	
			1, 2?, 67, 13(?), 84 . . .	67. Pl.
1698	49.2	.6×.55	1, 2?, 67, 13(?), 84 . . .	67 and another. Pl.
1699	50.6	.6×.45	1, 2?, 67, 13(?), 84 (4th symbol indistinct).	67 and other indistinct stamps.

## MISCELLANEOUS.

The four coins described in this section belong to Class III for the common obverse symbols 1, 2a, 36, 42 and 62, and the occurrence of numerous stamps on the reverse. But they could not be included in any group of this class for want of more than one common symbol. But they are interesting owing to certain new and important symbols occurring on them. Coin 1700 has got the same six-armed symbol as coin 1684. The third symbol (No. 25) of this coin is not very clear. The fifth symbol (No. 48) is an animal running to left. Coins 1701 to 1703 are connected with each other by the common symbol 126. The six-armed symbol of coin 1701 is the same as on coin 1372. The third symbol (No. 126) of this coin is composed of three fishes placed round a central circle (*vide* N. S., No. 58, pl. 26). The fourth symbol is not visible in full either on this or the following coin. The six-armed symbol of coin 1702 is composed of two arrows each flanked on each side by a pair of triangles. This coin agrees with N. S., No. 19, pl. 10.

Serial number.	Weight.	Shape and size.	Obverse.	Reverse.
1700	48.6	R .8×.7	<i>Miscellaneous.</i>	
			1, 2g, 25, 36, 48 . . .	209, 157 and other stamps. Pl.
			1, 2u, 126, 65, 18a . . .	276 and other stamps. Pl.
			1, 2n, 126, 65, 62 . . .	279 and other stamps. Pl.
			1, 2a, 126, 42, ? . . .	Various including 144. Pl.
1701	46	.8×.6		
1702	49.8	A .8×.5		
1703	50	.7×.5		

# APPENDIX.

## List of varieties noticed in this hoard.

Group No.	Obverse.	Reverse.	Serial No. of Coins.	Page.
CLASS II.				
I	a. 1, 2, 3, 30, 37 . . .	135 . . . . .	1—30	2—3
	b. 1, 2, 3, 30, 43 . . .	135 . . . . .	31—79	3—5
	c. 92, 43, 30, 5, 60 . . .	135 . . . . .	80—81	5
	d. 92, 57, 88, 5, 60 . . .	136 . . . . .	82—88	5—6
	e. 112, 88, 57 . . .	135 . . . . .	89—91	6
	f. 112, 43, 30 . . .	135 . . . . .	92—115	6—7
	g. 112, 17 or 27, ? . . .	....	116—117	7
II	a. 1, 2, 3, 10, 104 . . .	10 . . . . .	118—172	8—10
	b. 1, 2, 3, 10, 105 . . .	10 . . . . .	173—192	10—11
	c. 92, 5, 60a, 10, 104 . . .	10 . . . . .	193—195	11
	d. 92, 5, 60, 10, ? . . .	165 . . . . .	196	11
	e. 113, 10, 104 . . .	10 . . . . .	197—212	11
III	a. 113, 86, 58 . . .	86, 143, 145 . . . . .	213—226	12—13
	b. 92, 5, 86, 60a, 58 . . .	86, 143, 145 . . . . .	227—230	13
	c. 1, 2, 3, 86, 58 . . .	86, 143 . . . . .	231—279	13—15
IV	a. 1, 2, 3, 86, 96 . . .	86 . . . . .	280—301	16—17
	b. 1, 2, 3, 86, 98 . . .	86 . . . . .	302—309	17
	c. 1, 2, 3, 86, 100 . . .	86 . . . . .	310—312	18
	d. 1, 2, 3, 86, 97 . . .	86 . . . . .	313—318	18
	e. 1, 2, 3, 86, 61 . . .	86 . . . . .	319—327	18
	f. 1, 2, 3, 86, 132 . . .	86 . . . . .	328—330	18
	g. 1, 2, 3, 86, 133 . . .	86 . . . . .	331—334	19
	h. 1, 2, 3, 86, 45 . . .	86 . . . . .	335—376	19—20
	i. 1, 2, 3, 86, 94 . . .	10 . . . . .	377—441	20—23
	j. 1, 2, 3, 86, 34 . . .	86 . . . . .	442—447	23
	k. 1, 2, 4, 86, 34 . . .	86 . . . . .	448—450	23
V	a. 1, 2f, 34, 29, 87 . . .	10 . . . . .	451—500	24—26
	b. 1, 2, 34, 29, 87 . . .	10 . . . . .	501—506	26—27
	c. 1, 2f, 34, 29, 87 . . .	86 . . . . .	507—554	27—28
	d. 1, 2, 34, 29, 87 . . .	86 . . . . .	555—559	29
	e. 1, 2f, 34, 29, 87 . . .	67 . . . . .	560—583	29—30
	f. 1, 2, 34, 29, 87 . . .	67 . . . . .	584—585	30
	g. 1, 2f, 34, 23, 87 . . .	67(?) , 230 . . . . .	586	30
	h. 1, 2f, 34, 29, 87 . . .	....	587—588	30



Group No.	Obverse.	Reverse.	Serial No. of Coins.	Page.
CLASS II— <i>contd.</i>				
VI	i. 1, 2i, 20, 68, 87 . . .	....	603—635	31—32
	j. 1, 2d, 109, 87, 90 . . .	....	636—649	32
	a. 1, 2f, 34, 86, 39 . . .	86 . . . . .	650—662	33—34
	b. 1, 2h, 87, 33, 39 . . .	....	663—668	34
	c. 1, 2h, 67, 33, 39 . . .	67 . . . . .	669—683	34—35
	d. 1, 2k, 67, 63, 39 . . .	67 . . . . .	684—699	35—36
	e. 1, 2e, 67, 56, 117 . . .	67 . . . . .	700—704	36
	f. 1, 2e, 67, 56, 116 . . .	67 . . . . .	705	36
	g. 1, 2(?) , 67, 56, ? . . .	67 . . . . .	706	36
VII	h. 1, 2i, 67, 15, 76 . . .	67 . . . . .	707—712	36
	a. 1, 2m, 42, 38, 7 . . .	144 . . . . .	713—715	37
VIII	b. 1, 2m, 14, 38, 7 . . .	144 . . . . .	716—724	37
	a. 1, 2, 3, 102, 69 . . .	67 . . . . .	725—730	38
IX	b. 1, 2, 3, 102, 40 . . .	67 . . . . .	731—771	38—40
	c. 1, 2, 3, 102, 114 . . .	67 . . . . .	772	40
	d. 1, 2, 3, 102, 121 . . .	67 . . . . .	773	40
IX	a. 1, 2, 3, 27, 108 . . .	Irregular . . . . .	777—782	41
	b. 1, 2, 3, 27, 41 . . .	Do. . . . .	783—800	41—42
	c. 1, 2, 3, 27, 99 . . .	152 . . . . .	801—810	42
	d. 1, 2, 3, 27, 93 . . .	141a . . . . .	811	43
	e. 1, 2, 3, 27, 51 . . .	152 . . . . .	812—813	43
	f. 1, 2, 3, 1, 52 . . .	60, 256a, 178 . . . . .	814	43
	g. 1, 2, 1, 27, 119 . . .	Indistinct . . . . .	814a	43
	h. 1, 2, 27, 36, 115 . . .	152 . . . . .	817—823	43
	i. 1, 2, 36, 23, 115 . . .	234 and two more . . . . .	824	43
	j. 1, 2, 3, 36, 1, 59 . . .	Obscure . . . . .	825	44
X	k. 1, 2, 3, 36, 81 . . .	135 . . . . .	826—832	44
	a. 1, 2, 4, 124, 32 . . .	230; others disfigured . . . . .	833—834	45
	b. 1, 2, 3, 124, 32 . . .	Irregular . . . . .	835—857	45—46
	c. 1, 2, 3, 124, 55 . . .	144 . . . . .	858—877	46
	d. 1, 2, 3, 124, 50 . . .	182 . . . . .	878	47
	e. 1, 2, 3, 124, 54 . . .	144 . . . . .	879—882	47
	f. 1, 2, 3, 124, 31 . . .	144; 141 . . . . .	883	47
	g. 1, 2, 3, 124, ? . . .	144; 67 . . . . .	884—885	47
	h. 1, 2c, 124, 32, 70 . . .	144 . . . . .	886—923	47—49
	i. 1, 2i, 124, 72, 16 . . .	144 . . . . .	924—929	49

















































Group No.	Obverse.	Reverse.	Serial No. of Coins.	Page.
<b>CLASS II—<i>concl.</i></b>				
XI	a. 1, 2, 3, 57, 88 . . .	135 . . . . .	930—1072	50—55
	b. 1, 2o, 57, 88, 89 . . .	135 . . . . .	1073—1142	55—58
	c. 1, 2o, 57, 87, 89 . . .	144 and others . . .	1143—1162	58—59
	d. 1, 2o, 57, 67, 89 . . .	Irregular . . . . .	1163—1182	59—60
	e. 1, 2o, 57, 111, 89 . . .	Do. . . . .	1183—1215	60—61
	f. 1, 2o, 57, 27, 89 . . .	Do. . . . .	1216—1222	61
	g. 1, 2o, 57, 14, 89 . . .	Disfigured . . . . .	1223—1225	62
	h. 1, 2o, 42, 57, 89 . . .	144a . . . . .	1226—1252	62—63
	i. 1, 2, 3, 42, 57 . . .	144a-c . . . . .	1253—1295	63—64
XII	a. 1, 2s, 23, 73, 8 . . .	Irregular . . . . .	1296—1305	65
	b. 1, 2s, 27, 73, 8 . . .	144 and others . . .	1306—1319	65—66
	c. 1, 2s, 42, 73, 8 . . .	Irregular . . . . .	1320—1326	66
	d. 1, 2i, 67, 73, 8 . . .	Not clear . . . . .	1327—1328	66
	e. 1, 2g, 23, 64, 130 . . .	144 and others . . .	1329—1331	66
	f. 1, 2g, 27, 64, 130 . . .	Do. . . . .	1332—1352	67
Miscellaneous	1, 2, 3, 44, ? . . . . .	60, 62 . . . . .	1353	68
	1, 2, 3, 49, ? . . . . .	Indistinct . . . . .	1354	68
	1, 2, 53, 120, ? . . . . .	Do. . . . .	1355	68
	1, 2d <sup>1</sup> , 42, 53, ? . . . . .	Do. . . . .	1356	68
	1, 2d, 42, 53, ? . . . . .	Do. . . . .	1357	68
	1, 2, 59, 118, 42 . . . . .	Do. . . . .	1358—1359	68
	1, 2a, 122, 1, ? . . . . .	203 . . . . .	1360	68
	1, 2y, 23, 107, 123 (?) . . .	144 . . . . .	1361	68
<b>CLASS III.</b>				
I	a. 1, 2a <sup>1</sup> , 35, 123, 42 . . .	Various . . . . .	1362—1371	69—70
	b. 1, 2u, 35, 123, 20 . . .	Do. . . . .	1372	70
	c. 1, 2r, 35, 123, 62 . . .	Do. . . . .	1373—1374	70
	d. 1, 2a, 19, ?, 20 . . .	144c . . . . .	1375	70
	e. 1, 2b, 36, 47, 20 . . .	167 and others . . .	1376	70
	f. 1, 2j, 36, 21, ? . . .	Two stamps . . . . .	1377	70
	g. 1, 2b, 66, 9, 21 . . .	Various . . . . .	1378—1379	70
	h. 1, 2b, 42, 66, 9 . . .	Do. . . . .	1380—1388	71
II	a. 1, 2a, 62, 66, 12 . . .	Do. . . . .	1389—1392	72
	b. 1, 2a, 42, 66, 12 . . .	Do. . . . .	1393—1413	72—73
	c. 1, 2a, 110, 66, 12 . . .	Do. . . . .	1414—1418	73
	d. 1, 2a, 21, 66, 12 . . .	Do. . . . .	1419	73
	e. 1, 2a, 75, 66, 12 . . .	Do. . . . .	1420	73

Group No.	Obverse.	Reverse.	Serial No. of Coins.	Page.
<i>CLASS III—contd.</i>				
III	a. 1, 2a, 11, 42, 24 . .	Various . . . .	1421—1425	74
	b. 1, 2a, 11, 42, 36 . .	Do. . . . .	1426—1531	74—78
	c. 1, 2b, 11, 42, 106 . .	Do. . . . .	1532—1534	78
IV	a. 1, 2a, 11, 36, 23 . .	Do. . . . .	1535—1546	79—80
	b. 1, 2a, 11, 36, 18 . .	Do. . . . .	1547—1552	80
	c. 1, 2a, 11, 36, 79 . .	Do. . . . .	1553—1555	80
	d. 1, 2a, 11, 36, 62 . .	Do. . . . .	1556—1561	80
	e. 1, 2j, 11, 36, 62 . .	Do. . . . .	1562—1563	81
	f. 1, 2a, 11, 36, 110 . .	Do. . . . .	1564—1569	81
	g. 1, 2a, 11, 36, 78 . .	Do. . . . .	1570	81
	h. 1, 2a, 11, 36, 124 . .	Do. . . . .	1571—1583	81—82
	i. 1, 2v, 11, 36, 124 . .	Do. . . . .	1584	82
	j. 1, 2a, 11, 36, 87 . .	Do. . . . .	1585—1608	82—83
	k. 1, 2a, 1, 36, 67 . .	Do. . . . .	1609	83
	l. 1, 2a, 11, 36, 74 . .	Do. . . . .	1610—1613	83
V	a. 1, 2a, 11, 134, 87 . .	Do. . . . .	1614—1616	84
	b. 1, 2i, 11, 134, 87 . .	Do. . . . .	1617—1619	84
	c. 1, 2a, 11, 134, 67 . .	Do. . . . .	1620—1623	84
	d. 1, 2a, 11, 134, 124 . .	Do. . . . .	1624—1626	84
	e. 1, 2a, 42, 134, 82 . .	Do. . . . .	1627	84
VI	a. 1, 2i, 11, 87, 80 . .	Do. . . . .	1628—1633	85
	b. 1, 2i, 11, 67, 80 . .	Do. . . . .	1634	85
	c. 1, 2i, 11, 23(?), 80 . .	Do. . . . .	1635	85
	d. 1, 2i, 11, 42, 80 . .	Do. . . . .	1636—1637	85
VII	a. 1, 2a, 42, 46, 28 . .	Do. . . . .	1638—1646	86—87
	b. 1, 2a, 42, 71, 28 . .	Do. . . . .	1647	87
	c. 1, 2b, 46, 28, 62 . .	Do. . . . .	1648—1652	87
	d. 1, 2w, 46, 28, 127 . .	Do. . . . .	1653—1654	87
	e. 1, 2b, 36, 47, 62 . .	Do. . . . .	1655	88
	f. 1, 2b, 36, 47, 20 . .	Do. . . . .	1656	88
	g. 1, 2p, 22, 62, 101 . .	Do. . . . .	1657	88
	h. 1, 21, 22, 62, 1 . .	Do. . . . .	1658	88
	i. 1, 2b, 46, 28, 26 . .	Do. . . . .	1659	88
VIII	a. 1, 2j, 42, 36, 13 . .	Do. . . . .	1660—1674	89—90
	b. 1, 2j, 62, 36, 13 . .	Do. . . . .	1675—1678	90

Group No.	Obverse.	Reverse.	Serial No. of Coins.	Page.
<b>CLASS III—concl'd.</b>				
	c. 1, 2z, 62, 129, ? . . .	Various . . . . .	1679	90
	d. 1, 2j, 36, 127, 13 . . .	Do. . . . .	1680—1683	90
	e. 1, 2g, 36, 36a, 13 . . .	Do. . . . .	1684	91
	f. 1, 2j, 42, 77, 131 . . .	Do. . . . .	1685	91
	g. 1, 2 i, 127, 77, 131 . . .	Do. . . . .	1686—1687	91
	h. 1, 2x, 6, 91, 13(?) . . .	Do. . . . .	1688	91
	i. 1, 2b, 6, 125, 128 . . .	Do. . . . .	1689—1695	91
IX	a. 1, 2, 67, 83, 84 . . .	67 . . . . .	1696	92
	b. 1, 2 i, 67, 13(?), 84 . . .	67 . . . . .	1697—1699	92
Miscellaneous	1, 2g, 25, 36, 48 . . .	Various . . . . .	1700	92
	1, 2u, 126, 65, 18a . . .	Do. . . . .	1701	92
	1, 2n, 126, 65, 62 . . .	Do. . . . .	1702	92
	1, 2a, 126, 42, ? . . .	Do. . . . .	1703	92



## OBSERVE SYMBOLS.

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
1		1622, 1701.	2l		708, 710, 711.	3		146, 304, 335.
2		27, 70, 232.	2m		715-21.	3		12, 27, 53, 68.
2a		1375, 1391.	2n		1702.	4		449, 833.
2a <sup>1</sup>		1362, 1363.	2o		1110, 1190.	5		229, 230.
2b		1384, 1652.	2p		1657.	6		1688.
2c		907, 913.	2q		1329, 1338, 1346.	7		715.
2d		644.	2r		1373.	8		1298, 1308, 1321.
2d <sup>1</sup>		1356.	2s		1298, 1308, 1320.	9		1378, 1380, 1384.
2e		703, 704.	2t		926, 928.	10		154, 177.
2f		478, 552, 566.	2u		1372, 1701.	11		1579, 1593.
2f <sup>1</sup>		656-661.	2v		1584.	12		1414, 1419.
2g		1684, 1700.	2w		1653-54.	13		1667, 1680.
2h		668, 669, 670, 677, 678, 683.	2x		1688.	14		716, 717.
2i		1628, 1632.	2y		1361.	15		708.
2j		1670, 1671, 1675.	2z		1679.	16		928.
2k		684, 697.	3		338, 351, 386.	16a		926.


























































OBSERVE SYMBOLS—*contd.*

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
17		116.	33		670.	49		1354.
18		1547.	34		447, 560.	50		878.
18a		1701.	35		1367.	51		813.
19		1375.	36		1602, 1661.	52		814.
20		1372	36a		1684.	53		1355-56.
21		1377.	37		11, 12.	54		879-80.
22		1657-58.	38		717, 720.	55		860, 872.
23		824, 1329.	39		658, 697, 699.	56		700, 704.
24		1423-24.	40		731, 737, 764.	57		1068, 1197.
25		1700.	41		784, 786.	58		213, 229, 240.
26		1659.	42		1363, 1636.	59		825, 1358.
27		1315, 1350.	43		42, 92.	60		80, 87, 88.
28		1642.	44		1353.	60a		193, 194, 230.
29		545, 560, 566.	45		335, 345, 348, 375.	61		323, 324.
30		1, 12, 24, 27, 31, 105.	46		1652, 1654.	62		1556, 1702.
31		883.	47		1376, 1655-56.	63		697, 699.
32		907, 913.	48		1700.	64		1335, 1338, 1342.
						65		1701-02.





OBSERVE SYMBOLS—*contd.*

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
66		1378, 1384, 1393.	84		1698.	103		1694.
67		1164, 1167.	85		1372.	104		135, 146, 154, 200.
68		610, 614.	86		213.	105		177, 179, 183.
69		727-28.	87		1614, 1618.	106		1532.
70		900, 913.	88		1061, 1111.	107		1361.
71		1647.	89		1164, 1197.	108		777-78.
72		926, 927, 928.	90		643-44.	109		643-44.
73		1304, 1308, 1315, 1320.	91		1688.	110		1414, 1568.
74		1610, 1612.	92		80, 229.	111		1197, 1212.
75		1420.	93		811.	112		92, 98.
76		710-11.	94		386, 413.	113		200, 213.
77		1686-87.	95		1532.	114		772.
78		1570.	96		293.	115		817, 820, 824.
79		1553, 1555.	97		313, 317.	116		705.
80		1632, 1636.	98		302, 304, 307.	117		700, 704.
81		826, 828.	99		803, 804, 809.	118		1358.
82		1627.	100		310.	119		814a.
83		1696.	101		1657.	120		1355.
			102		728, 731.			



## OBSERVE SYMBOLS—concl'd.

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
121		773.	125		1689, 1695.	130		1329, 1350.
122		1360.	126		1701-03.	131		1685-87.
123		1363, 1367.	127		1680, 1686.	132		329.
124		860, 885.	128		1694-95.	133		334.
			129		1679.	134		1618, 1626.

## REVERSE SYMBOLS.

135		11.	140		334.	144b		1287, 1564.
135a		31.	141		883.	144c		1290, 1389, 1414.
135b		92, 105.	141a		1453.	145		82, 213.
135c		68.	142		158.	146		1240, 1540.
135d		110, 115.	142a		1455.	147		1362.
136		83, 1079.	142b		1310.	147a		1367.
137		254.	143		213.	147b		1647.
138		82.	144		1362.	148		1309.
139		84.	144a		1620.	149		1480, 1643.
						150		1367.



REVERSE SYMBOLS—*contd.*

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
151		1646.	171		1194.	194		1569.
151a		1687.	172		1650.	195		642.
152		818, 821.	173		1656.	196		541.
153		1393.	174		1100.	197		1566.
154		1311.	175		491.	198		1479.
155		1374.	176		1380.	199		1550.
156		1197.	177		844.	200		1427, 1672.
157		1700.	178		814, 1553.	201		1424.
158		1687.	179		1482.	202		1558.
159		614.	180		1686.	203		1308.
160		1574.	181		1686.	203a		1219.
161		1481.	182		878.	203b		1472.
162		616, 662.	183		1243.	204		1555.
163		1311, 1612.	184		723.	205		1558.
164		903.	185		608.	206		540.
165		117, 1482.	186		588, 661, 1588.	207		1400.
166		1663.	187		1194.	208		1435.
167		1376.	188		1290.	209		1378, 1700.
168		640.	189		1362.	210		664.
169		841.	190		1362.	210a		1629.
170		1548.	191		1366.	211		1540.
			192		1308, 1430, 1550, 1684.			
			193		1450.			













REVERSE SYMBOLS—*contd.*

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
212		1299, 1313.	233		414, 422, 1420.	251		707, 1343.
212a		330.	234		413, 1571.	252		579, 901, 1571.
213		1414.	235		577, 1575.	253		1594.
214		1668.	236		255, 492, 693.	254		1656.
215		1457.	237		1279, 1420, 1487.	255		1542.
216		1458.	238		821, 1401.	256		90.
217		1603.	239		1082.	256a		814, 905.
218		1167, 1166.	240		1382.	256b		1465.
219		1503.	240a		1607.	256c		667, 1220, 1463-64.
220		1478.	241		188.	257		1466.
221		1542, 1689.	242		544, 1468.	258		1669.
222		1478.	242a		1389, 1542.	259		91.
223		863.	243		1238.	260		613, 1088, 1218.
224		721.	244		1654.	261		1419.
225		1539.	245		1391.	261a		1148.
226		1192.	246		817, 1371, 1455.	262		1384.
227		493, 1596.	247		1592.	263		1478.
228		1196, 1483.	248		903.	264		788, 1406, 1601.
229		928.	249		1578.	265		902.
230		902.	249a		1636.	266		790, 1102, 1300.
231		1391.	250		420.	267		1653.
232		1430.				268		1309, 1322.
						269		1539.
						270		1338, 1401.
						271		711, 1478.





REVERSE SYMBOLS—*concl.*

Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.	Serial No.	Symbol.	Reference.
272	••	588, 785, 1431, 1555.	277		1665-66, 1674.	280		1652.
273		1106.	278		1614, 1680.	281		1367.
274	•••	1467, 1483, 1611.	279		1555.	282		1672.
275		1393.	279a		1673.	283		1369.
276	••	1383, 1399, 1631, 1701.						

CLASS I.



CLASSES II AND III.

